ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR

1944-45.

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REVIEW OF THE STANDING COMMITTEE OF THE ADMINISTRATION REPORT OF THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY FOR THE YEAR 1944-45.

Introductory.

The Municipal Commissioner's Administration Report for the year 1944-45 sets out in detail the working of the Municipal machinery for the year under review. The improvement in the War situation which was noticed during the previous year continued and at the end thereof there was little cause for any anxiety as to the outcome. Later events have fully justified the anticipations and the Standing Committee are happy to observe that this will be the last Administration Report wherein handicaps as a result of the War situation have prevented the development of the Municipal administration.

Corporation.

2. Mr. Nagindas Tribhovandas Master, B.A., LL.B., M.L.A., was the Mayor of Bombay during the year. Mr. Ramchandra A. Gole was the Chairman of the Standing Committee and Mr. Devji Rattansey was the Chairman of the Improvements Committee. Mr. Narayan Sadoba Kajrolkar was the Chairman of the Schools Committee during the year.

The personnel constituting these bodies at the end of the year is set forth at page 2 of the report.

Commissioner.

3. Mr. M. D. Bhat, I.C.S., held the office of the Municipal Commissioner up to the 14th December 1944 and Mr. U. M. Mirchandani, I.C.S., for the remaining period of the year.

Financial.

4. There was no variation in the rates of taxation levied by the Corporation as compared with those in the preceding year.

Variations in Income.

5. The Opening Balance at the commencement of the year was Rs. 64 lacs showing an improvement by Rs. 18.14 lacs and Rs. 29.89 lacs over the previous two years. The Income was budgeted at Rs. 393.76 lacs but the actual realisations increased by Rs. 36 lacs to Rs. 429.78 lacs. This shows an improvement of Rs. 25.79 lacs over the net realisations of the previous year, *viz.*, Rs. 403.99 lacs. On the Expenditure side, the actuals came to Rs. 412.95 lacs against the budgeted amount of Rs. 416.46 lacs showing a saving of Rs. 3.51 lacs. However, the actual expenditure during the year showed an increase of Rs. 11.99 lacs over the actuals of the previous year, *viz.*, Rs. 390.96 lacs. These variations in the actual realisations and expenditure over the Budget Estimates converted the anticipated deficit of Rs. 22.69 lacs at the beginning of the year into a surplus of Rs. 16.82 lacs at the end of the year against the surplus of Rs. 13.02 lacs and Rs. 24.36 lacs of the previous two years. As a result of these variations and adjustment of Advances in the course of the year, the budgeted closing balance of Rs. 13.90 lacs jumped to a decent amount of Rs. 69.08 lacs at the close of the year, showing an improvement of Rs. 5.07 lacs over that of the preceding year.

The principal increases in Income over the Budget Estimates were under (1) General Tax by Rs. 6.91 lacs of which (*a*) Rs. 4.65 lacs were realized from the Public due partly to revision of the rateable value of several owner occupied properties and partly to new structures erected by the Central Government for war purposes; and (*b*) Rs. 2.25 lacs from Mills due to revision in rateable value; Town Duties by Rs. 6.40 lacs as a result of dutiable articles having been imported in larger quantities; (3) Interest and Profit on Investments, Rs. 1.02 lacs due to larger balances available for investment and better rate of interest realised than anticipated; (4) Water Tax, Rs. 6.07 lacs due to increased receipts under Water Tax on value and by meter measurement; (5) Halalkhore Tax, Rs. 2.93 lacs; (6) Wheel Tax, Rs. 3.84 lacs as a result of a systematic handling of vehicles which escaped the Tax hitherto; and (7) Markets and Slaughter Houses, Rs. 4.24 lacs due to increased realisations from stall rents, squatters' fees, etc. There was a decrease of Rs. 0.16 lac under Slaughter fees due to difficulties in the way of cattle import and restrictions on slaughter.

Net demand on account of Property Tax inclusive of refunds was Rs. 326.66 lacs against Rs. 306.01 lacs showing an increase of Rs. 20.65 lacs over the previous year's demand.

The sale proceeds of surplus land during the year amounted to Rs. 5.07 lacs only, which fell short by Rs. 4.93 lacs of Rs. 10 lacs to be credited to revenue from this source every year. The deficit was made good by necessary transfers from the Land Sales Reserve Fund, the balance in which at the end of the year after the said transfers stood at Rs. 19.96 lacs against Rs. 24.15 lacs at the end of the previous year.

Variations in Expenditure.

6. As stated above, the actual expenditure for the year of report was less by Rs. 3.51 lacs than the budgeted amount of Rs. 416.46 lacs. However, the final sanctioned grants including the unexpended grants for previous years renewed for expenditure and additional grants amounted to Rs. 447.26 lacs against the actuals of Rs. 412.95 lacs leaving an unexpended balance of Rs. 34.31 lacs at the end of the year. Of this balance, only Rs. 18.13 lacs were renewed for expenditure during the following year and Rs. 16.18 lacs treated as savings on final grants. Transfers to an aggregate amount of Rs. 11.01 lacs were made during the year from one Budget head to another without affecting the total Budget provision. In the previous two years total of such transfers amounted to Rs. 9.44 lacs and Rs. 5.68 lacs, respectively.

The important items which accounted for a total decreased expenditure over the budgeted amounts were as under:—

(1) Election Expenses Rs. 0.57 lac; (2) Water Works Rs. 1.38 lacs; (3) Education (Primary) Rs. 0.93 lac; (4) Public Health Department Rs. 0.66 lac; (5) Medical Relief and Education Rs. 1.43 lacs; (6) Street Cleansing, etc., Rs. 1.28 lacs; (7) Roads, Drains and Sewers Rs. 3.73 lacs; (8) Mechanical Rs. 0.98 lac; (9) Buildings, etc., Rs. 0.32 lac; (10) Fire Brigade Rs. 0.31 lac; (11) Markets and Slaughter Houses Rs. 0.39 lac; (12) Dearness Allowance Rs. 0.52 lac and (13) Measures for Civil Defence Rs. 1.46 lacs.

Loan Funds.

7. The opening balance on 1st April 1944 on account of Loan Funds including advances from Special Funds for the purchase of Plant and Machinery and for renewal of surfaces of roads for which no renewal fund exists but excluding Trust Funds amounted to Rs. 9.27 lacs against Rs. 17.30 lacs and Rs. 11.42 lacs in the preceding two years, respectively. A loan of Rs. 16.28 lacs was raised during the year. Thus the total Loan Funds available for expenditure during the year amounted to Rs. 25.55 lacs against which the total expenditure amounted to Rs. 17.93 lacs including an amount of Rs. 2.29 lacs repaid to the Land Sales Reserve Fund against the advance of Rs. 18.75 lacs taken from that Fund. The actual amount spent on loan works and discount and other charges amounted to only Rs. 15.64 lacs. Thus the unspent balance at the close of the year stood at Rs. 7.61 lacs. The actual expenditure on Capital Works (Rs. 15.41 lacs) compares very unfavourably with the Budget Estimates (Rs. 27.33 lacs) and the Revised Estimates (Rs. 43.91 lacs) giving a percentage of 65 and 44, respectively. The Standing Committee have commented on this disparity for some years past but the departments have given very scant attention to this.

On 1st April 1944, the Municipal outstanding debt was Rs. 14,06.87 lacs and a further loan of Rs. 16.28 lacs was raised during the year. An amount of Rs. 43.97 lacs was repaid during the year, leaving an outstanding debt on 31st March 1945 of Rs. 13,79.18 lacs. The new loan of Rs. 16.28 lacs was made up of Rs. 10 lacs for the loan of 1943 and Rs. 5 lacs for the loan of 1944-45. The balance, *viz.*, Rs. 1.28 lacs, was the advance from the Net Premia Fund for the purchase of plant and machinery and for the renewal of road surfaces for which no provision exists in the Renewal Fund.

Sinking Funds.

8. The book value of investments of the Sinking Funds at the end of the year stood at Rs. 365.29 lacs against Rs. 332.84 lacs in the previous year. Valuing the Municipal and Improvement Trust Debentures at par, the market value of the investments comes to Rs. 388.99 lacs. Adding thereto an amount of Rs. 3.66 lacs being the interest accrued upto 31st March 1945 and Rs. 240 cash in the Imperial Bank of India, the total amount of Sinking Fund comes to Rs. 392.65 lacs against the amount of Rs. 368.25 lacs which should have accumulated in the Sinking Fund up to 31st March 1945. Thus the loan liabilities are amply secured, leaving an excess accumulation of Rs. 24.40 lacs in the Sinking Fund Investments against Rs. 21.46 lacs in the preceding year.

Improvement Schemes General Account.

9. The total income under this Account during the year of report amounted to Rs. 102 lacs which exceeded by Rs. 6.55 lacs the previous year's income of Rs. 95.45 lacs. The increased realisations were mainly from land revenue, *viz.*, Rs. 5.30 lacs.

The total expenditure for the year amounted to Rs. 99.53 lacs which was more by Rs. 1.58 lacs than the previous year's expenditure of Rs. 97.95 lacs. It may be noted that last year the expenditure had shown a decrease of Rs. 5.53 lacs over the expenditure for the year 1942-43 which then was Rs. 103.48 lacs.

The net surplus in the General Account for the year amounted to Rs. 2.48 lacs against a deficit of Rs. 2.49 lacs in the previous year.

Loan Account.

The *ex*-Trust loan liabilities at the commencement of the year stood at Rs. 16,12.81 lacs against Rs. 16,17.88 lacs at the beginning of the previous year. No loan was raised during the year and loans to the extent of Rs. 29.15 lacs were repaid. Of this repayment, Rs. 5.25 lacs were repaid to Government and Rs. 23.90 lacs to debenture holders out of the 5½ per cent. loan of Rs. 25 lacs. The outstanding liabilities at the close of the year stood at Rs. 15,83.66 lacs of which the liability to Government amounts to Rs. 586.62 lacs.

Capital Account.

The year began with a balance of Rs. 118.08 lacs and receipts on account of sale proceeds of lands and buildings during the year amounted to Rs. 36.12 lacs. With the amount of Rs. 2.48 lacs surplus in the General Account transferred to Capital Accounts, the total funds available stood at Rs. 156.68 lacs. Against this available amount the expenditure for the year came to Rs. 26.03 lacs primarily for repayment of loan, leaving at the close of the year an unspent balance of Rs. 130.60 lacs.

The amount of Sinking Fund at the commencement of the year was Rs. 330.20 lacs. After adding interest realizations (Rs. 14.76 lacs) and Sinking Fund Instalments (Rs. 5.76 lacs) and deducting the amount of Rs. 2.06 lacs withdrawn for repayment, the amount to the credit of the Fund at the close of the year stood at Rs. 348.66 lacs. Taking the value of *ex*-Trust and Municipal Debentures at par and adding the interest accrued upto 31st March 1945 and cash in hand, the total amount in the Fund was Rs. 353.38 lacs against Rs. 301.48 lacs to which the Fund should have accumulated. Thus there was an excess of Rs. 51.90 lacs in the Sinking Fund Investments Account which could be regarded as a safe margin for debt redemption.

The gross capital liabilities of the Improvement Schemes stood at Rs. 16,31.24 lacs at the close of the year, while the assets were Rs. 24,27.26 lacs giving a surplus of Rs. 796.02 lacs.

The total actual expenditure on all Schemes upto 31st March 1945 amounted to Rs. 19,00.41 lacs of which Rs. 14.66 lacs represented discount and other charges on loans. The actual expenditure during the year amounted to Rs. 4.23 lacs against Rs. 4.97 lacs in the preceding year.

10. During the year, the Corporation undertook the operation of the scheme for distribution of milk to children below two years of age, it being understood that the cost was entirely to be borne by Government. The scheme was later on extended to children below 10 years of age and to expectant and nursing mothers. The total expenditure incurred was Rs. 18.57 lacs and receipts from sale of milk amounted to Rs. 14.01 lacs, the subsidy paid by Government being Rs. 4.56 lacs.

The unprecedented catastrophe of severe explosions in the Dock area on 14th April 1944 and subsequent fires caused extensive damage to Municipal and public properties. The cost of making good the damage only to Municipal and ex-Trust properties was estimated at Rs. 18.89 lacs. Against the sum claimed by the Municipality, the Government awarded Rs. 14.75 lacs of which Rs. 7.76 lacs were spent during the year of report.

Taxation, Demand, Collection and Outstanding

11. The rates of taxation remained the same as in the previous year, but there were variations in the rates charged for water supply by meter measurement which varied from As. 10 to Rs. 1-4-0 according to the purpose for which water was used.

On the Assessment Register during the year, the total number of properties came to 49,631 showing an increase of 615 over the last year's total of 49,016. The total numbers in the years 1942-43 and 1941-42 were 48,967 and 48,664, respectively. Of the 49,631 properties, only 40,444 were assessed to General Tax, while 1,628 were exempted and 3,098 were not taxed being small plots of waste land, etc., and 3,378 were Municipal plots. The number of single-room tenements (2,35,488) shows a decline over that of the previous year, *viz.*, 2,47,258, but there was an increase in the number of double-room tenements which was 52,637 against 49,632 in the previous year. Similarly, the number of flats or blocks also showed an increase, being 39,824 against 38,674 in the preceding year.

The rateable value of all properties on 31st March 1945 was Rs. 16,00,98,370 against Rs. 15,93,54,514 and Rs. 14,63,63,848 in the previous two years. It is reported that this gives a rate of Rs. 69-10-0 per head of population against Rs. 69-5-0 in the previous year, but the total population on which this is worked out is not mentioned in the report.

The total number of vehicles and animals taxed during the year including those taxed under the Public Conveyance Act, *viz.*, 3,321 was 29,248.

For Property and Wheel Taxes 78,399 and 82,546 bills were, respectively, issued during the year for a gross demand of Rs. 359.82 lacs and Rs. 18.72 lacs, respectively. The amounts collected against these gross demands were Rs. 321.97 lacs and Rs. 14.71 lacs which works out at 91 and 82.63 per cent. of the demands, respectively. The percentage of the total recovery to the total demand worked out at 90.6. The total outstanding of Rs. 34.95 lacs at the end of the year was reduced to Rs. 23.65 lacs on 30th June 1945 as recoveries to the extent of Rs. 10.59 lacs were made by that date and bills for Rs. 0.72 lac were recalled and cancelled. Outstandings against private ratepayers at the end of the year stood at Rs. 26.98 lacs. Of these a sum of Rs. 3.84 lacs is under dispute with the Royal Western India Turf Club in respect of the Race Course. These heavy outstandings are partly due to amended bills of about Rs. 10.71 lacs having been issued late in March 1945 as a result of variations in the rateable value for additions and alterations to several properties in the latter part of the year.

The explosions in the Dock area on 14th April 1944 and subsequent fires resulted in the complete destruction of over 400 buildings and damage to about 175 buildings involving a loss of about Rs. 3 lacs to Municipal revenue by way of Property Taxes.

The total amount of exemptions from General Tax allowed to different properties during the year came to Rs. 11.46 lacs against Rs. 11.30 lacs and Rs. 9.98 lacs in the two preceding years, respectively.

During the year, the number of claims received for Drawback and Refund amounted to 361 and 1,452, respectively, against 6,938 and 4,448 in the previous year. Of these claims 34 and 1,036 were admitted for each of the claims and the amount of drawback and refund allowed came to Rs. 0.6 lac and Rs. 1.06 lacs, respectively. 1,490 and 2,365 complaints, respectively, against assessment fixed during the currency of the year and against original assessments were received, while there were 47 appeals against rateable values.

Urban Immoveable Property Tax.

12. The rates of taxations for this Tax were 7 per cent. and 3½ per cent. for buildings and lands having rateable values of not less than Rs. 2,000 and Rs. 500 in each case. The net demand for this tax was Rs. 95.65 lacs while the collection came to Rs. 86.03 lacs, refund to Rs. .41 lac and drawback to Rs. .04 lac. The collection amounted to about 89.94 per cent. of the demand against 92.4 per cent. in the preceding year. The Garrison Engineer and some Central Government Officers have withheld payment of this Tax even for properties not absolutely vesting in them which accounts for increased outstandings.

Town Duty.

13. During the year of report the gross realizations of Town Duties and Refunds amounted to Rs. 24.92 lacs and Rs. 4.87 lacs against Rs. 20.74 lacs and Rs. 3.83 lacs of the preceding year, respectively. This gave a net revenue of Rs. 20.06 lacs from

this source against Rs. 16.90 lacs of the previous year, showing a net increase of Rs. 3.15 lacs over the last year in which the net revenue had shown an increase of Rs. 1.44 lacs over the preceding year. The increase is primarily attributed to increased receipts from Grains, Sugar, Wines and Spirits. The amount of the increase from different articles is, however, not shown in the report. The new practice of recovering Town Duty on Timber on the basis of a Table showing prices of different kinds of Timber by sizes introduced in the year 1943-44 resulted in increased receipts from Timber of over Rs. .73 lac in the year of report over that of the previous year and of Rs. 1.33 lacs over the year 1942-43. This increase has only been from Timber brought by Railways. The Standing Committee hope that when this system is extended to imports by sea, still better results will be obtained. The number of claims for refund during the year was 5,667 against 5,880, 14,394 and 41,267 in the preceding three years. Though the number of claims during the year was 213 less than of the previous year, the amount refunded exceeded the amount of the preceding year by Rs. 1.03 lacs.

Recoveries of fees for stamping sugar, etc., packages and sealing ghee tins to identify them upon re-export amounted to Rs. 21,149 against Rs. 25,872 and Rs. 48,708 during the preceding two years. The departmental collection of Town Duties on goods coming into the City along the three Causeways, *viz.*, Sion, Mahim and Chembur, realised during the year Rs. 2.81 lacs against Rs. 1.87 lacs and Rs. 1.26 lacs in the previous two years. It is hoped that upon the restoration of Provincial Autonomy, Government will undertake legislation for amending Schedule 'H' relating to Town Duties so as to enable the Corporation to secure additional revenue from this source.

Elections.

14. As required by the provisions of the Municipal Act, the Election Roll was revised and published on 20th December 1944. The total number of voters in all the 19 Wards of the City increased to 3,19,480 against 3,08,467 and 2,76,960 in the two preceding years. Similarly, in the Registered Trade Union Constituencies, 5 Unions constituted the Electoral College with 106 names of delegates against only 3 and 75, respectively, in the previous year. During the year there occurred three vacancies in the office of Councillors of which two were in the General Wards and one in the University Constituency. The vacancies in the former, which were caused by the Councillors' continuous absence from meetings of the Corporation exceeding the maximum period permitted under the Municipal Act, were filled in by the re-election of the Councillors who had vacated office. The other vacancy was filled in by a new Councillor.

Architectural.

15. During the year a thorough scrutiny of properties in charge of the Department was carried out and as a result small and petty structures which were not accounted for previously were added to the list. With this addition and with the construction of new structures, the Department maintained during the year 2,330 properties against 2,271 and 2,195 in the immediately preceding two years. 13 properties in an unsound condition were sold for demolition at an amount of Rs. .05 lac. Most of the normal works of repairs, etc., as also those necessitated as a result of explosions and fires on 14th April 1944 were carried out departmentally at a cost of Rs. 5.92 lacs against Rs. 3.18 lacs in the previous year, of which the cost of repairing properties damaged by explosions and fires was estimated at Rs. 2.64 lacs. Work of constructing 300 one-room tenements at Arthur Road for accommodating persons rendered homeless by the explosions was given by contract at an estimated cost of Rs. 6.29 lacs. As a result of improvement in war situation, some of the blast walls built in front of various Municipal properties were pulled down. Materials salvaged from these emolished walls were or would be utilized on regular Municipal works.

110 plans and 40 major estimates amounting to Rs. 64.83 lacs were prepared for different works but due to high cost of materials and difficulty of obtaining them, the Loan Works were restricted only to a small number of urgent works.

Private Buildings.

16. In spite of restrictions on the construction of new structures, the total number of applications received during the year for erection of new buildings or alterations to the existing ones shows an increase of 792 over the last year's figure of 1,581. However, the amount paid as set-back compensation was only Rs. 1.59 lacs against Rs. 3.17 lacs and Rs. 3.24 lacs in the preceding two years, respectively. By this acquisition an area of 4,215.93 square yards was added to the roads at a cost of Rs. .24 lac against the area of 6,477.76 square yards and cost of Rs. 1.01 lacs in the preceding year. 1,566 prosecutions were launched against house-owners for non-compliance with Municipal requisitions, of which 832 were withdrawn and 324 cases resulted in convictions in which the total amount of fines inflicted amounted to Rs. 9,827. During the year there were 40 cases of building collapses, in 11 of which 21 persons were injured and 1 killed. This does not include the collapses and loss of life, etc., in the area affected by explosions in the Docks on 14th April 1944. Of the 1,548 notices issued for the removal of unauthorized projections, 1,319 were complied with. A gross income of Rs. 1.34 lacs was derived from temporary projections, against which the expenditure incurred amounted to Rs. .36 lac resulting in a net income of Rs. .98 lac. The corresponding figures for the previous year were Rs. 1.45 lacs, Rs. .33 lac, and Rs. 1.12 lacs. As the Corporation have laid down the policy of eliminating stall-board projections within a period of five years, no new projections were permitted during the year. The marked decline noticed in the previous year in the construction of new tenements continued during the year of report, as only 57 new one-room tenements were constructed in the year, and the figures for new two-room tenements and larger flats were 18 and 8, respectively, against the corresponding figures of 159, 83 and 106 of the previous year for the three respective units. In the year 1942-43, the corresponding figures were 780, 555 and 614, respectively. This speaks for the extreme over-crowding in the City, as while the City's population has tremendously increased, there has

not been any corresponding increase in new tenements to provide accommodation for the incoming population. The Standing Committee feel that having regard to the area of the City and the great building progress already made in the development of the northern parts of the City and with the southern part already congested and crowded, the time has come to restrict the population of the City to a prescribed maximum, the spill over population being provided with housing, etc., in the suburbs or in the contemplated Greater Bombay area. The revised Municipal Building Bye-laws have been sanctioned by the Corporation and await confirmation by Government. As a result of explosions in the Dock area on 14th April 1944, in all 586 buildings were damaged including 387 godowns, and the number of persons dishoused was about 13,000. About 42,300 brass of debris and earth were removed from roads and private properties at a total cost of Rs. 7.92 lacs.

Drainage and Sewerage.

17. During the year, the Dadar Purification Works received 4,057.48 million gallons of sewage, *i.e.*, an average of 11.11 million gallons per day against 4,558.11 million gallons in the preceding year. The quantity of crude sludge digested amounted to 18.25 million gallons and the total gas generated was 2,29,07,900 c.ft. giving an average of 62.761 c.ft. per day, against 2,23,41,800 c.ft. generated in the preceding year. Calculated at the rate of Rs. 4 per 1,000 c.ft. the total quantity of gas generated amounted to a potential income of Rs. .916 lac. Of the generated gas only 1,09,96,162 c.ft. was economically consumed, while the balance representing 52 per cent. of the total production was wasted. This is equivalent to Rs. 47,647. However, it is satisfactory to note that the wastage during the year was less by about 5,486 c.ft. per day over the last year's figure. The income derived from the supply of gas to different medical, etc., institutions amounted to Rs. 30,357. One heavy 5 ton lorry has been running on transport service on sludge gas for two years. During the year it covered 7,160 miles consuming gas equivalent to 1,193 gallons of petrol costing Rs. 2,162-5-0 at Rs. 1-13-0 per gallon. Equipment for conversion of six more lorries to run on sludge gas has been received but no further progress seems to have been made. The maintenance cost of different pumping and compressor stations and of the Dadar Purification Works has considerably increased due to abnormal rise in the cost of materials, spare parts, etc., and longer hours of work. A scheme for an enlarged drainage system is under preparation to cope with the increased water supply to be brought to the City under the augmentation scheme.

Roads and maintenance of roads and foot-paths.

18. At the close of the year the City had roads with a total mileage of approximately 264.705 miles against 263.57 miles in the preceding year. Due to want of required quantities of asphalt, bitumen, etc., for road repairs and due to heavy military and other vehicular traffic, surfaces of several Capital roads in the City had tremendously deteriorated. However, efforts were made to keep them in a passable condition by patching and surface dressing. The situation worsened during the monsoon when incessant rains caused pot-holes throughout the lengths of such roads. Roughly over 1 lac square yards of pot-holes had to be repaired with all expedition. A total area of 4.38 lac square yards of roads was repaired at a cost of Rs. 6.29 lacs. In all six refuge and traffic islands were constructed permanently during the year as necessary traffic amenities. 760 new roadside trees were planted at a cost of Rs. 9,020, of which 146 trees were planted at a cost of Rs. 4,267 on roads where no trees existed before. The area of *kutcha* foot-paths at the end of the year was about 3.42 lac square yards. The estimated cost of paving all foot-paths is Rs. 17.87 lacs. The Corporation have set apart Rs. 6 lacs for foot-path pavement in the Post-War Construction Scheme and it is hoped that when foot-paths are completely paved they will serve the purpose for which they are meant and will not be allowed to be occupied by unauthorized encroachments to the detriment of the pedestrians. Due to improvement in war situation, the A.R.P. restrictions on street lighting were practically removed, but the public could not have pre-war standard of illumination owing to shortage of coal for gas lighting and restrictions on consumption of electric energy.

Removal of Town Refuse.

19. Town refuse was transported to Deonar daily in Railway wagons in two trains of an average of 30 wagons each. The total number of wagons despatched during the year was 21,873 against 20,910 in the preceding year. At an average load of 12 tons per wagon, the quantity of refuse removed to Deonar was 2.62 lac tons against 2.51 lac tons in the previous year. The total cost of removal and disposal amounted to Rs. 3.30 lacs against Rs. 3.32 lacs of the last year, showing a slight decrease of one anna per ton, *i.e.*, the rate per ton worked out to Rs. 1-4-2 against Rs. 1-5-3 in the preceding year.

Tramways.

20. The lengths of tramway tracks remained the same as in the last year, *viz.*, double tracks—26.70 miles and single tracks 2.42 miles. The B.E.S. & T. Co. Ltd., maintained 276 cars with 30 trailers providing a total seating accommodation for 25,086 passengers. 19 Bus queue barriers without roofs and 6 with roofs were provided at different parts of the City, but no new tramway shelter was erected during the year. The question of taking over the combined undertakings of the Tramways and Electricity from the Company engaged the attention of the Corporation and the reference is pending before a Consultative Committee appointed by the Corporation.

Estates and Land Management.

21. This Department has prepared schemes for clearance of slum areas but no tangible progress can be made in the work owing to the abnormal war conditions. Several of these development and remodelling schemes are to be kept ready to be put in operation at the earliest possible time after the required legislation has been brought on the Statute Book. Some statistical information about Greater Bombay has also been collected by the department.

The terrific explosions in the Dock area on 14th April 1944 caused extensive damage to life and properties, especially in 'B' Ward. This gave an opportunity of improving the locality which was very congested and wherein, on account of high land values, improvement in the ordinary course in the shape of wide roads, additional open spaces, etc., would have been very slow and costly. Therefore, with a view to layout the devastated area on modern lines the Corporation decided to approach Government to apply the Town Planning Act, 1915, to the City of Bombay. As soon as Government sanction is obtained, preparation of the draft scheme will commence. In the meanwhile, to prevent rebuilding of properties in that area, the City of Bombay (Building Works Restriction) Act, 1944, was passed on 22nd December 1944.

Of the total area of 139.36 lac square yards (about 2,879 acres) belonging to the *ex*-Trust, about 42 per cent. remained to be developed at the end of the year. Of the developed area about 8 per cent. remained to be leased. The average yield of the leased plots is Rs. 20 per square yard and the same value is expected to be realised of the remaining area.

Only 89 plots were let out during the year covering an area of 2.13 lac square yards (44 acres) valued at Rs. 49.68 lacs against 124, 212 and 115 plots in the preceding three years, respectively. Besides 89 plots let out, 2 plots were sold outright, covering an area of 347 square yards having a capital value of Rs. 4,429. Out of 89 plots, 51 plots covering an area of 59,75 square yards were leased on rental basis, realising a total annual rent of Rs. 72,622 and 38 plots covering an area of 1.53 lacs square yards were leased on premium basis with a capital value of Rs. 36.61 lacs. Though the number of plots disposed of during the year was less than the previous three years, the area exceeded those disposed of in 1943-44 and 1941-42 and the total value was higher than in any of the previous three years.

No plot was resumed during the year. However, six such plots on hand with buildings thereon in the Nowroji Hill Estate were disposed of realising Rs. 10.23 lacs.

The total number of plots disposed of upto the end of the year 1944-45 is 3,696 covering an area of 50.25 lac square yards or 1,038 acres and valued at Rs. 988.10 lacs and yielding an annual rental of Rs. 34.63 lacs.

At the beginning of the year the Department had under its control 633 acquired buildings with 5,422 tenements of which 4,025 and 709 were one-room and two-room tenements, respectively. With the demolition of 10 buildings and sale of 13 buildings during the year, the position at the end of the year stood at 610 buildings, 5,247 tenements with 3,898 and 686 one-room and two-room tenements, respectively. Rents realised from acquired buildings during the year amounted to Rs. 7.94 lacs against Rs. 7.49 lacs and Rs. 6.62 lacs in the preceding two years. The aggregate temporary revenue from acquired buildings and lands amounted to Rs. 15.77 lacs showing an increase of Rs. 5.08 lacs over the previous year's realisations of Rs. 10.69 lacs. This year also the increase is attributed to the letting of large areas to Government for defence, etc., purposes.

The gross rental demand of the *ex*-Trust Chawls was Rs. 9.64 lacs against which the actual rent collected amounted to Rs. 9.17 lacs which was equivalent to 99.23 per cent. of the net demand of Rs. 9.25 lacs after deducting for vacancies and concessional rents.

The average population in all chawls during the year showed an increase of 3,818 over the previous year's figure of 45,168 being 48,986 against 38,322 in the year 1942-43. Between 1940-41 and 1944-45, the increase of population has been to the extent of 16,157.

The death rate in *ex*-Trust Chawls was 7.4 against 5.8 per 1,000 in the previous year.

During the year, four Municipal plots of land admeasuring in the aggregate 1,836 square yards were disposed of realising capital value of Rs. 3.78 lacs. The total value of Municipal land available for disposal at the end of the year was about Rs. 6.83 lacs.

Water Supply.

22. The total quantity of water supplied during the year from various sources was 41,802 million gallons which gave an average of 114.52 million gallons per day against the total quantity of 41,820 million gallons or an average of 114.26 million gallons per day in the previous year. Of this daily average, 93.25 million gallons were obtained from the Tansa Lake. Of the daily average, the supply to the City was 109.54 million gallons and the balance 4.98 million gallons was to the suburbs. In the City, taking the population as per the Census Report of 1941, *viz.*, 14,89,883, the average supply per head was 73.52 gallons for all purposes, while taking the population at 25 lacs the quota per head per day was 43.8 gallons. The minimum and the maximum supply per day amounted to 97.60 and 129.30 million gallons, respectively. The subjoined table gives a clear comparison of the daily and the annual draw off in million gallons by different mains from different lakes :—

	1942-43		1943-44		1944-45	
	Daily.	Annual.	Daily.	Annual.	Daily.	Annual.
Two 72" mains ...	85.68	31,276	79.25	29,005	78,18	28,537
48" Vehar main ...	11.56	1,896	16.92	619	17.65	6,444
24" Tulsi main ...	3.13	961	3.49	1,227	13.62	1,322
The Duct ...	5.26	1,922	14.60	5,345	15.07	5,499

The quantity of water used purely for domestic purposes was 26,045.14 million gallons giving a percentage of 62.31 against 37.69 per cent. for other uses.

In all 20,89 premises were supplied 8,952.55 million gallons of water by meter measurement giving a percentage of 21.41 of the total supply. Of this metered supply percentage, the highest, *viz.*, 5.16, was for 82 mills which consumed 2,158.75 million gallons. The next highest metered supply was to 81 premises in the suburbs being 1,817.63 million gallons with a percentage of 4.35 of the total metered supply. The least quantity consumed in this group was by 7 flour mills, being only 6.39 million gallons with a percentage of 0.1. Revenue derived from metered supply was Rs. 69.62 lacs against Rs. 58.84 lacs in the previous year. This increase is partly due (1) to revised rates for the supply by meter measurement; (2) to bringing more connections under this group when water was found to be used for trade purposes; (3) to increased demand for water by industries and (4) to rigid supervision and inspection of meters from time to time. This increase in revenue can only be attributed to the present abnormal circumstances and it can safely be said that this will record a fall upon the return of normal times with the going away from the City of Military personnel and with decreasing production by industries at present working for civil and war purposes. As the difficulty of getting new meters and spare parts continued during the year, several properties, supply to which should have been metered, were charged either on the discharging capacity of their connections or on an agreed *pro rata* basis.

378.38 miles of water mains of sizes varying from 57" to 3" were maintained during the year. In all 17 bursts occurred on various mains which were promptly repaired. The total number of water connections to different premises was 51,752 showing an increase of 353 over the preceding year's number. Nine Venturi Meters for recording discharge of water through various trunk mains in the outside City division were maintained. Information about the sites of location of these meters and the quantity of water recorded by each of them would prove interesting.

The Distribution and the Waste Prevention Staff attended 697 fire calls to regulate water supply according to the needs of the situation. This gives an average of 2 calls per day.

78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle-troughs, 61 standpipes and 2 dipping wells were maintained by the Department for gratuitous supply to the general public. Besides, the Department maintained the Slope Gardens on Gibbs and Ridge Road (popularly known as the Hanging Gardens), the Sir Pherozeshah Mehta Gardens and the Joseph Baptista Gardens. During the year a new garden on Ridge Road was laid out on the original site of the Ladies Gymkhana at a cost of about Rs. 20,000. The last named three gardens competed under different classes at the Vegetable Fruit and Flower Show held in February 1945, and secured several prizes.

Sanction of the Standing Committee for severing water connections for non-payment of taxes was obtained in 99 cases against 165 in the previous year. Only in 27 cases against 34 in the last, year, the water supply was cut off and subsequently restored on compliance with the requirements.

As a result of the explosions and subsequent fires in the Dock area on 14th April 1944, a large number of water mains, service pipes, hydrants, etc., was damaged. Repairs to the extent of Rs. 9,421 were carried out and the entire cost was borne by Government.

An amount of Rs. 6.42 lacs was spent from the Loan Funds against Rs. 8.03 lacs in the previous year for laying new mains and other works.

The work of guniting the upstream side of the Tansa Dam was continued during the year and a total of about 37,000 square feet of guniting was done before the beginning of the monsoon. The total amount of work done was 2.48 lacs square feet. Administrative approval was given by the Corporation during the year to the scheme for the utilization of the tail waters of the Bhivpuri Power Station of the Tata Hydro-Electric Agencies. With a view to effecting improvements in the supply of water to upper floors of premises, experiments were carried out to maintain pressure in the taps of upper floors by fitting taps of the ground floor and the first floor with an orifice of about 1/8" diameter. By this method though the supply from the taps fitted with orifices was restricted, the upper floor taps could give the same quantity of water as the taps fitted with orifices and thus ensure supply to the upper floor tenants which was otherwise not possible.

Measures for Civil Defence.

23. Owing to improved war situation, no further measures were taken to protect vital structures. During the year 20 static tanks were demolished and only 15 tanks were allowed to remain filled with water. 10 Pumping Sets were removed from wells and handed over to the City Engineer to be utilized for improving water supply of Municipal Chawls.

Fire Brigade.

24. As in the previous years, the Officer Commanding, Fire Services, continued in charge of the regular Municipal Fire Brigade as also the Auxiliary Fire Services. During the year under Report, the Fire Brigade personnel were called upon to combat serious fires which broke out on 14th April 1944, consequent upon explosions which occurred on a ship carrying dangerous cargo and berthed in the Victoria Docks. The explosions were so terrific that they did not only shake the City but were also heard miles away and caused immense loss of life and property. A rough estimate of the damage was assessed in the neighbourhood of Rs. 15 crores. Very gallant work was done by the Fire Services and in the catastrophe 66 officers and other ranks of the Services lost their lives, and several others suffered permanent disabilities. A large part of the fire appliances and equipment were either destroyed or damaged. The Corporation granted generous compensation

to the dependants of the deceased members of the staff and liberal pensions to those who were incapacitated for further service. A suitable memorial to the memory of the Fire Service personnel who lost their lives in this unprecedented catastrophe is being raised at the Fire Brigade Headquarters.

The total number of calls received during the year was 895 against 779 in the previous year and was the highest during the quinquennium 1940-41 to 1944-45. Besides, 14 calls for fires outside the City limits were received against 23 in the previous year. Out of the total 895 calls, 218 were false alarms, and 31 were malicious. The total loss caused by fire was estimated at Rs. 51.87 lacs against Rs. 36.75 lacs and Rs. 25.12 lacs of the preceding two years. Six persons were burnt to death, five persons fatally injured and fifty-one persons sustained minor injuries by fires during the year. The foregoing figures are exclusive of the damage caused by fires caused by explosions in the dock area on 14th April 1944. The heavy increase of Rs. 15.12 lacs in the loss by fires during the year was partly due to a serious fire which occurred in a Mill Estate at Kalachowky Road where huge stocks of Military Canteen Stores were involved. The cost on this account alone was estimated at Rs. 25.25 lacs.

The approximate quantity of water played on fires was 71.69 lacs gallons against 67.99 and 61.73, lacs gallons in the preceding two years. Of this quantity, 57.73 lacs gallons were drawn from Municipal mains against 56.38 and 58.23 lacs gallons in the previous two years.

From the summary of fires and losses for the last ten years given in Appendix III to the Report, it is observed that the year under report constitutes a record both in the number of fires and the estimated loss which were 556 and Rs. 51.87 lacs, respectively, the lowest figures being recorded in the year 1940-41, *viz.*, 292 and Rs. 3.51 lacs.

It is reported that on account of pressure of duties, the Trailor Fire Pump Competition Drill could not be arranged.

The Ambulance service in charge of the Brigade received 4,227 calls for hire, 1,475 for accidents, and 1,636 for maternity cases, against 3,123, 1,491 and 1,640, respectively, in the preceding year. The service carried 8,243 persons against 6,343 during the previous year which was the highest for the quinquennium 1940-41 to 1944-45. The total distance covered by all Ambulance cars was 55,096 miles against 44,804 miles in the previous year and was the highest for the aforesaid quinquennium. Receipts from hire calls amounted to Rs. 21,871 against Rs. 15,836 of the previous year.

Public Gardens.

25. During the year, the Superintendent was in charge of 18 Gardens, 4 Fountains, 2 Bandstands, 7 Traffic Islands, 3 Open Spaces, 48 Recreation Grounds, 1 Statue and 3 Hedges. During the year the Department took over charge for maintenance of two additional Traffic Islands which consisted of 2 Rockeries—one at Mayo Road and the other at Worli opposite the Caltex Pump. Likewise, there was an addition of two playgrounds over the previous year's number of 46. Of these two new playgrounds one is situated at the junction of Rebsch Street, Reynold Road and Club Road and the other at the junction of Cyrus Avenue, Sankli Street and Motlibai Street. Both these are located in the thickly populated localities of the City. Similarly, there was an addition of 2 in the last year's number (16) of Gardens in charge of the Superintendent, *viz.*, (*i*) The Haji Ali Park at the junction of Clark Road and Hornby Vellard and (*ii*) The Municipal Head Office Garden. Besides these, plots adjoining the Mahim Foreshore Garden and the Memonwada Recreation ground were also taken over for maintenance.

The nnmber of visitors to the Victoria Gardens again showed an increase over the previous year being 26,34,950 against 23,05,144 in the year preceding. This was the highest during the quinquennium 1940-41 to 1944-45. The number of visitors during the other three years was 22,50,106, 24,34,657 and 24,85,353 in the years 1942-43, 1941-42 and 1940-41, respectively. The annual average and the daily average during the year worked out to 24,22,045 and 7,219, respectively. This increase is attributed to programmes from Gramophone records and Indian musical concerts and Band performances which were 42, 13 and 11, respectively, during the year.

During the year 209 musical performances against 222 and 245 in the preceding two years, respectively, were arranged for the benefit of the public at different places. These consisted of 149, 32 and 28, Radiogram, Band and Indian music programmes, respectively, against 159, 35 and 28 of the preceding year.

For the guidance of visitors, a plan showing the layout of the Victoria Gardens has been placed at a convenient place. This is certainly a facility which will be appreciated by the visitors, especially those from abroad.

With improvement in the war situation, attempts were made to secure valuable animals for the Zoo and 48 animals and 5 birds were received as presents and 2 animals and 43 birds were purchased. The Zoo Section requires particular attention, as it had suffered very much during the abnormal times.

The directed games conducted by the Y.M.C.A. at the Mustan Tank, the Reclaimed Gilder Tank Site and the Willingdon Memorial Playground and by the Nagpada Neighbourhood House at 2nd Peerkhan Street continued to be well patronised.

For the first time a Vegetable, Fruit and Flower Show was held in the Victoria Gardens during the year and the Show was visited by approximately 40,000 persons. The Department won 7 prizes of which 4 were First and the remaining 3 were Second Prizes.

Victoria and Albert Musum.

26. The Museum was opened to the public for 307 days against 314 days and 230 days in the two preceding years, respectively. In all 16,36,384 visitors visited the Museum during the year, which gave a daily average of 5,330 against the daily average of

5,847 of the last year when the total number of visitors was 18,36,252. This year a new practice of restricting admission to the Museum to ladies and children only on every Wednesday was introduced from 1st July 1944 and upto the end of the year on these special days 54,571 ladies and children visited the Museum. The Corporation should have been apprised of this practice before its adoption. 10,544 pupils from Primary and Secondary Schools visited the Museum during the year. Last year the number was nearly the same, *viz.*, 10,517. Reference Library of the Museum was visited by some Research Students. It was enriched by addition of a dozen books during the year.

Municipal Free Reading Rooms and Libraries.

27. The work of cataloguing books taken over from the Secretary, Schools Committee, was taken up with the voluntary aid of three librarians. Popular and interesting publications in different languages on various subjects were purchased with the help of the Book Selection Committee. During the year 893 publications were purchased and classified and then circulated in small batches to different Municipal libraries.

The total number of readers who visited the different Libraries during the year was 3,77,677 against 2,91,180 in the preceding year. This indicates that our libraries are becoming more popular among the citizens. Books issued on deposit and without deposit for reading on the premises numbered 26,796 and 28,953, respectively. The corresponding figures for the preceding year were 12,047 and 24,224. The total number of depositors, however, shows a decline being 856 against 902 in the previous year.

General Stores.

28. The department invited during the year 77 tenders and made 1,473 market rate enquiries against 138 tenders and 1,327 quotations invited in the preceding year. The number of contracts entered into for the supply of various schedule articles was 56 against 37, 65 and 87 in the immediately preceding three years. The value of stores, etc., purchased during the year amounted to Rs. 18.21 lacs against Rs. 17.73 lacs, Rs. 13.78 lacs and Rs. 15.24 lacs in the immediately preceding three years, the increase being mainly due to abnormal market rates. Of the total value of the purchases, that for articles of Indian manufacture amounted to Rs. 15.85 lacs while that for foreign goods was only Rs. 2.36 lacs. In all 3,887 orders for purchase of stores, etc., were placed against 3,442 and 4,776 in the previous two years, while the number of indents and sales memos received from the departments was 20,188 against 19,115 in the preceding year.

When annual tenders were invited for the supply of articles during the year, several of them were at much higher rates than the ruling market rates. With a view to affecting economy in the purchases, some of the tenders were rejected and periodic purchases of materials were made according to departmental requirements, thus effecting large savings.

The total turn-over of the Department during the year came to Rs. 36.50 lacs against Rs. 33.12 lacs, Rs. 26.31 lacs and Rs. 29.09 lacs of the last three years. The value of stores in hand at the close of the year amounted to Rs. 9.99 lacs against Rs. 10.06 lacs, Rs. 7.71 lacs and Rs. 6.42 lacs of the immediately preceding three years, respectively. The amount realised by sale of scrap and unserviceable articles during the year was Rs. 40,290 against Rs. 24,594 in the preceding year. The highest rate realised for Cast Iron scrap was Rs. 130 per ton against Rs. 186-8-0 per ton in the preceding year.

Licences.

29. The number of permits and licenses, *viz.*, 25,263, issued during the year of report exceeded by only 434, the number (24,829) issued during the previous year. These permits realized fees of Rs. 2.54 lacs against Rs. 2.49 lacs in the preceding year, showing an increase of only Rs. 0.05 lac against an increase of Rs. .19 lac realised in the previous year over that of 1942-43. Fees in respect of 96 licences outstanding at the end of the year amounted to Rs. 796. The corresponding figures for the previous year were 45 and Rs. 328, respectively.

The Standing Committee suggest that no permit or licence be issued or renewed unless and until payment therefor has been made. This year there was a further decrease in the loss of revenue incidental to disuse or demolition of old licenced places, etc. The loss amounted to only Rs. .18 lac against Rs. .24 lac and Rs. .25 lac in the preceding two years.

There was an increase both in the number of permits for advertisements and realizations therefrom, the total number and amount being 2,571 and Rs. 1.35 lacs while the corresponding figures for the last two years were 2,470 and 2,356 and Rs. 1.15 lacs and Rs. 1.19 lacs, respectively.

The total number of hawker and squatter licences issued during the year was 45,517 showing an increase of 3,854 and 10,472 over the number for the years 1943-44 and 1942-43, respectively. The fees realized from these licenses amounted to Rs. 1.61 lacs against Rs. 1.54 lacs and Rs. 1.38 lacs in the previous two years. During the year, the recovery of expenses for removal of encroachments amounted to Rs. .31 lac against Rs. .32 lac and Rs. .25 lac in the previous two years.

During the year the Licence Department instituted 2,654 prosecutions against offenders under Sections 328, 328-A, 394 and 412-A of the Municipal Act, against 4,017 prosecutions launched in the previous year. The total amount of fines inflicted amounted to Rs. 9,011.

The total revenue of the Department was Rs. 5.81 lacs against Rs. 5.30 lacs in the previous year.

The quinquennium Cattle Census (1945) was carried out by the Department at a total cost of Rs. 3,098 which was met by Government.

30. During the year, 123 mass raids—67 by day and 56 by night-were carried out to help enforcement of the Act effectively in different parts of the City. In the previous year 514 such raids were made. This decrease in the number of mass raids may be taken as a good sign of the observance of the provisions of the Act by different establishments. It is reported that in the absence of any statutory provision for a close day in a week, the employers have discontinued this practice. The Standing Committee suggest that this defect in the Act should be remedied as early as possible in the interest of the hard-worked employees so as to ensure a weekly rest day to all of them.

Shops and Establishments Act Administration.

Out of the total 42,083 visits or revisits paid to different establishments, against 45,776 and 37,883 in the preceding two years, 28,580 were to shops and 9,238 to restaurants. 2,538 new prosecutions were launched during the year, against 3,495 and 3,146 in the previous two years. This fall in the number of prosecutions can also be regarded as a good sign showing the observance of the law by the establishments concerned. Out of 2,698 prosecutions including 160 of the previous year, conducted by the Department 2,403 were disposed of resulting in conviction in 2,361 cases and in inflictment of fines aggregating to Rs. 50,689-8-0. This gave an average of Rs. 21-8-0 per case against Rs. 19-7-4 and Rs. 14-6-0 per case of the immediately preceding two years.

A grant-in-aid of Rs. 69,259 for the year 1943-44 was sanctioned by Government.

31. The total gross receipts from 17 Municipal Markets during the year amounted to Rs. 20.12 lacs showing an increase of Rs. 2.46 lacs over that of the previous year. This increase was due to increase in stall rents, slaughter fees and fair fees. Of these excess receipts, an amount of Rs. 1.09 lacs was on account of increase in stall rents.

Markets.

Due to explosions in the Dock area on 14th April 1944, the Masjid Bunder Market was severely damaged and was kept closed for necessary repairs till November 1944.

The total number of Private Markets during the year was the same as last year, *viz.*, 22. It is reported that the licence fee in respect of the Byculla Vegetable Private Market was settled during the year, but the amount of the fee has not been mentioned in the report. The question of settling the licence fees in respect of four Private Markets still remained undecided. The Standing Committee hope that these disputes will soon be settled and the licence fees held in deposit will be adjusted to proper Budget head very soon. The amount realised for licence fees of 18 private Markets and one Slaughter House was Rs. 2.12 lacs against Rs. .27 lac in the previous year.

Of these realizations an amount of Rs. 1.68 lacs represents adjustment of deposits of previous years of the Byculla Vegetable Private Market.

The Standing Committee suggest that in future reports a statement showing the amount of licence fees for different Private Markets may be included in the Report together with the number of stalls in each of those Markets and the year in which the fee was fixed in each case.

During the year the number of Private Slaughter Houses, was 2, *i.e.*, the same as last year. There was, however, an increase of 2 in the number of outside meat shops over the previous year's number 185, but it is significant to note that the licence fees of the shops show a decrease of Rs. 751, the total amount realised being Rs. 9,541 during the year against Rs. 10,292 in the previous year. The reason for this decrease has not been given. While the number of buffaloes, cows and bullocks brought to the fair ground shows a decrease of 15,604 over that of the previous year, the number of sheep and goats shows an increase of 57,634 over the preceding year's number. Out of the total number of 15.02 lacs animals slaughtered during the year, the highest number of animals slaughtered was in December 1944, being 1.35 lacs and the lowest number was 1.09 lacs in August of the same year. In the previous year also the maximum and the minimum slaughter was in the same months. It will be interesting to note if there is any special reason for this. The slaughter and removal fees for the year amounted to Rs. 5.51 lacs against Rs. 1.62 lacs in the previous year, showing a decrease of Rs. .62 lac due to numerous restrictions imposed by Government on the slaughter of horned cattle.

32. With the return to the City of population that had evacuated in 1942 due to the war scare also came other persons from different parts of the Country as the City had become the centre of war effort and new war-time industries and schemes had been started in the City. The result was a terrible overcrowding in all parts of the City on account of inadequacy of the available accommodation. The housing problem became more acute when consequent upon explosions and fires in the Dock area on 14th April 1944, a large number of houses and that too in a thickly populated locality had been destroyed. The explosions not only took the lives of not less than 381 persons, but also dishoused thousands of them. This created a serious problem for the health authorities of the City, but thanks to the strenuous efforts of all the services combined the City was saved from any epidemic usually resulting from such a calamity. Immediate arrangements were made to provide temporary accommodation for the dishoused persons in different parts of the City by Government, the Municipality and other private agencies.

Public Health.

During the year, with the increased possibilities of getting employment in the City, the population exceeded 23 lacs against the census population of 14.90 lacs in 1941. As a natural corollary, births and deaths increased. The infant mortality increased from 197.4 in 1943 to 203.0 in the year under review. This includes deaths of children born out of Bombay and not registered in the City. Otherwise, the infantile death rate is the same as last year, *viz.*, 150. During the year the Public Health

Department undertook the work of managing the Government Subsidized Milk Scheme, which was originally confined to giving of milk for children upto 2 years of age.

The number of live births (56,907) registered during the year showed a further increase of 12,892 over the previous year's number and was 20,065 more than the average of the decennium (1934-35). Of those registered births, 29,144 were males and 27,763 females, giving a proportion of 105 males to 100 females. The highest number of births registered (5,491) was in December 1944. Calculated on the census of 1941 population, the birth rate was 38.2 per thousand. The number of still births reported was 3,374 against 3,129 in the preceding year. It is found that an accurate record of births is not possible to maintain due to apathy on the part of parents and others responsible for their registration and the tendency, especially among the poor, to send mothers with new-born children out of Bombay immediately after confinement and before its registration. It is, however, gratifying to note that the Department is taking every possible step to see that all births are brought on record. Out of 60,281 registered births (including still births), 43,929 *i.e.*, 72.9 per cent. against 81.1 and 75.8 per cent. in the years 1943 and 1942, respectively, took place in Maternity Homes and Hospitals. No explanation is found in the report for this decline in spite of the fact that number of maternity beds in Homes and hospitals shows an increase. In the five Municipal Maternity Homes with 142 beds, the number of women admitted during the year of report was 8,657 against 9,795 in the preceding year and the number of cases confined in the Homes was 8,744 against 7,549 in the last year. Maternity and child welfare activities need further expansion, especially with regard to ante-natal, and post-natal, infant and pre-school welfare work. The clinics now held in the existing maternity homes require to be extended to other areas where mothers could attend in large numbers and at regular intervals without much inconvenience and detention. The Health Visitors appointed to supplement the work of the present clinics should be made to be more vigilant to find out expectant mothers and persuade them to attend the clinics for advice and guidance and Maternity Homes for confinement. It is reported that during the year the Health Visitors paid 60,997 visits in various districts against 45,422 visits in the last year. They also attended 227 cases of confinement during the year against 260 cases in the preceding year. Indeed a more intensive campaign on the part of these Health Visitors will considerably contribute towards the reduction of infantile mortality.

The total number of deaths registered from all causes during the year was 41,882 against 34,165 and 25,177 in 1943 and 1942, respectively. Of the total deaths 381 were due to explosions on 14th April 1944. This total number was 11,869 and 11,540 more than the annual average mortality of the last 5 and 10 years, respectively. The death rate per 1,000 living worked out to 28.1 according to the census of 1941 and came to about 18.3 according to the actual population, *i.e.*, about 23 lacs. High rate of infantile mortality is said to be responsible for this increase, as nearly 50 per cent. of the morality is due to deaths of children below 5 years of age. As many as 27.6 per cent. of deaths alone were among infants below 12 months. Of the total number of deaths, 23,131 and 18,751 were among males and females, respectively. The corresponding figures for the last two years were 19,167 and 14,309 for males and 14,998 and 10,868 for females. The male death rate showed an increase of 4 being 24 in 1944 against 20 in 1943 while the female death rate showed an increase of 7 being 34 in 1944 against 27 in 1943. As usual the diseases of the respiratory system were responsible for a higher death rate, *viz.*, 9.4 per 1,000, than any other group. These diseases caused during the year 13,990 deaths against 7,740 in the previous year. The second group was Congenital debility and Diseases of early infancy in which during the year the number of deaths recorded was 5,004 against 2,105 in the previous year, *i.e.*, 3.3 against 1.4 in 1943 per 1,000 population. During the year Tuberculosis claimed 2,006 deaths against 1,581 in the previous year. The highest number of deaths registered, *viz.*, 4,187, was in March 1944.

The total number of infectious diseases cases reported during the year was 7,603 against 5,706 in the previous year. Of these cases only 226 or 2.4 per cent. were reported by the Medical Practitioners and the rest *viz.*, 7,377 cases were reported by the District Registrars. No cases were reported by Hakims and Vaidyas.

Venereal Diseases.

33. The Corporation maintains a Free Venereal Diseases Clinic equipped for carrying on modern methods of prevention, diagnosis and treatment of Venereal Diseases. Besides, eight free prophylactic centres are kept open day and night in different localities of the City. During the year 12,746 persons attended for prophylactis at the Venereal Diseases Clinic and 1,325 at other Centres. 13,649 Venereal Diseases cases were treated at the Clinic during the year against 12,667 and 8,834 in the immediately preceding two years. The average daily attendance worked out to 593.2 against 573.7 and 479.2 in the last two years, respectively. A good deal of propaganda is done in this direction by display of exhibits, posters, etc., in the Clinic Propaganda Room as also by group talks to patients at the Clinic and visual instruction with explanatory talks.

Dispensaries.

34. The number of dispensaries maintained throughout the year for free medical relief to the sick poor was the same as last year, *viz.*, 19. New cases treated during the year numbered 2,20,910 against 2,13,894 and 1,68,960 in the preceding two years The total attendance of patients was 7,71,482 against 7,78,427 and 5,75,811 in the last two years, respectively. 135 visits against 233 visits last year were paid by the Dispensary Medical Officers to patients in their homes.

With an accommodation of only 6 beds for males and 6 beds for females, the total number of new cases treated at the Eye Dispensary and Hospital at Kamathipura numbered 9,060 against 7,448 in 1943 and 6,242 in 1942. The number of indoor new cases treated and total attendance were 189 and 2,769 respectively, against 167 and 2,294 in the preceding year, while the total attendance at the Institution was 59,621 against 49,660 and 27,847 in the previous two years, respectively. This gives a clear indication that the citizens are getting hospital-minded and are now willing to patronise medical institutions for treatment of their ailments.

Health Propaganda.

35. Health Education is the key-note of modern public health campaign which can be carried out in a number of ways so as to spread health knowledge to the widest possible circle. This branch of the Public Health Administration which was first started in 1942 has been carrying on its work through the medium of a mobile cinema, posters, newspaper articles, visual instruction, exhibitions, etc., aiming chiefly at the promotion of health and sanitation and prevention of diseases.

Licensing of Dogs.

36. During the year for the first time licences for keeping dogs were issued on payment of a small requisite fee and in the first two months of the official year 6,000 dogs were licensed, stray and unlicensed dogs were caught and destroyed if not claimed after keeping them at the Dog Kennels at the Mahaluxmi Sidings for three days. 8,126 dogs were thus caught during the year of which 7,037 were destroyed. The number of licences issued during the year amounted to 10,688 and the income derived from different sources upto the end of the year was Rs. 54,242.

37. Free milk ration scheme for the benefit of undernourished School children was put into operation during the year by means of 65 Centres in A to G Wards. Each certified child was given 6 ozs. of milk on production of ration card and 4,109 children received free milk ration daily except on Sundays and holidays.

K. E. M. Hospital.

38. The number of beds in the Hospital was increased by 54 during the year making the total of 510 beds against 456 beds and 432 beds of the immediately preceding two years, respectively. Of these 510 beds, 325, 145 and 40 were for men, women and children, respectively, against the corresponding figures of 283, 133 nad 40 of the preceding year. No additional work for Hospital extension was undertaken during the year. 16,745 new in-patients were admitted for treatment against 14,804 and 12,782 in the two previous years. Very often more in-patients than the scheduled number of beds were admitted and on one day the number rose to 621. The daily average rose to 547.3 from 481.4 of the preceding year. With the 507 in-patients of the previous year, the aggregate number of in-patients treated during the year was 17,252. Of this number, 6,418 were cured, 5,943 were discharged and relieved, 2,797 left the Hospital against medical advice or were otherwise discharged and 1,592 died leaving a balance of 502 at the close of the year. The average cost per in-patient per day showed a further rise to Rs. 4-3-4 from Rs. 3-15-10 and Rs. 3-4-8 of the last preceding two years, respectively. Similarly, the average cost per in-patient admission also indicated a rise to Rs. 50-14-11 from Rs. 46-11-0 and Rs. 42-6-1 of the previous two years.

The total number of new out-patients during the year was 1,46,450 including 27,155 casualty patients, against 1,32,639 and 1,15,695 of the last preceding two years. The daily average worked out to 414. The total number of out-patient attendance similarly showed an increase of 4,589 being 4,75,725 against 4,71,136 of the previous year, giving a daily average of 1,542.7 against 1,505.59 of the previous year. The average cost per out-patient attendance was Re. 0-7-11 against Re. 0-7-2 of the previous two years, while the average cost per out-patient admission worked out at Rs. 1-9-6 against Rs. 1-8-5 and Rs. 1-9-11 of the previous two years. The above statistics are only of the expenditure met from the Municipal Fund and do not include the cost of expensive drugs, injections, blood transfusions, etc., met out of the Poor Box Charity Fund amounting in the aggregate to Rs. 25,186 against the expenditure of Rs. 16,658 and Rs. 14,600 met out of this Fund in the last two years, respectively. Blood transfusion was administered in 152 cases with the help of donors to whom payment was made from this Fund.

The total number of operations on in-patients and out-patients during the year showed a decline in both cases over the previous year's figures being 5,606 and 11,899, respectively, against 5,960 and 12,067 of the last year. In the year before last the corresponding figures were 5,341 and 11,065.

Under the School Clinic administration, 1,255 new children were treated in different departments of the Hospital and the total number of children treated during the year was 8,799 against 11,535 and 7,856 of the immediately preceding two years. 6 children were admitted to the Hospital as in-patients for treatement of various disorders and two cases, one each of dog and monkey bite, were referred to the Haffkine Institute for treatment.

In the Skin and Venereal Department 19,338 out-patients were treated of whom 16,086 were males and 3,252 females. 417 in-patients, of whom 334 were males and 83 females, directly sought treatment for various types of venereal skin and leprosy ailments. Among the total of 13,474 patients treated for skin diseases, 7,431 were found to be sufferering from scabies.

39. Eighty-six applications for admission were received in June 1944. The average age of the applicants was 19.6 years. The number of under-graduate students at the end of the year was 491 including 114 lady students, while that of post-graduate and research students was 76 of whom 4 were ladies. Clinical instruction in the diseases of children was given at the Bai Jerbai Wadia Hospital for Children. Out of 498 students sent up for various under-graduate and post-graduate examinations, 250 passed the whole examinations against the corresponding figures of 444 and 397 sent up and 203 and 186 passed out during the preceding two years, respectively.

Seth G. S. M. College.

The total expenditure on the College and the Hostels attached to it amounted to Rs. 2.62 lacs exclusive of an amount of Rs. .26 lac for payment of Dearness Allowance, against Rs. 2.66 lacs and Rs. 2.75 lacs in the preceding two years. The gross and the net cost per student worked out at Rs. 534.4 and Rs. 258.5, respectively, against Rs. 535 and Rs. 271 for the year 1943-44. The corresponding figures for the year 1942-43, were Rs. 585.4 and Rs. 321.5. The revenue derived by way of tuition fees, hostel rents, etc., amounted to Rs. 1.35 lacs against Rs. 1.31 lacs and Rs. 1.24 lacs in the immediately preceding two years. From the post-graduates an amount of Rs. 5,745 was collected as fees.

The number of male and female resident students in their respective Hostels remained constant as in the previous two years, *viz.*, 146 and 28. In addition, 16 female students were accommodated in the vacant rooms in the new Nurses' Home. This emphasises the need for an extension of Hostel facilities for ladies as a larger number of them is now attracted to the medical profession than hitherto. The income and the expenditure of the Hostels amounted to Rs. 18,342 and Rs. 12,738 showing a surplus of Rs. 5,604 on the year's working against the surplus of Rs. 7,340 of the previous year when the income and the expenditure were Rs. 18,018 and Rs. 10,678, respectively.

In addition to the normal teaching, the different departments of the College carried out numerous investigations of use and help in the sphere of medical science.

40. Owing to vigorous propaganda work done by the Department for bringing to school as many non-attending children of compulsory school-going age as possible, the number of pupils in Municipal Schools increased to 1,18,646 during the year against 1,00,131 at the end of the preceding year. The number of Municipal Schools during the year was 389 against 386 and 383 of the immediately previous two years, but the number of classes showed a further decrease, being 23 against 25 and 30 for the last two years, respectively. There was an increase of one school each for Gujarati Boys' and Girls' Schools and for Urdu Boys' Schools, while the reduction of two classes was in the Gujarati Boys' Section. The total strength of teachers at the end of the year was 3,383 against 3,003 and 2,615 at the corresponding period of the last two years. The Municipal grant for the year was Rs. 52.71 lacs against Rs. 46.43 lacs and Rs. 41.60 lacs in the preceding two years, exclusive of expenditure of Rs. .80 lac on the Schools Committee's Administrative Office. The Government grant for the year was Rs. 9.62 lacs against 9.36 lacs and Rs. 9.45 lacs in the preceding two years. This Government grant included an amount of Rs. .25 lac for the English Teaching Aided Schools which were aided directly by Government till the year 1942-43.

Education.

The average cost per pupil calculated on the number of pupils on the Rolls on the last day of the year was Rs. 42.2 against Rs. 44.5 and Rs. 52 for the previous two years. The average cost calculated on the average number of pupils on the rolls during the year, *viz.*, 1,07,362, worked out to Rs. 46.7 against Rs. 47.9 and Rs. 54.4 for the previous two yesrs. These reductions in the average cost were directly due to the increase in the number of pupils.

The Training Classes started in 1942-43 were closed during the year with the exception of First Year Senior Class for lady teachers whereas 40 pupils were under training. Besides this Class, 25 pupils were under training in the classes of the Rahimtoola Currimbhoy Urdu Training Institute.

During the year of report the number of Aided Schools was reduced to 204 against 205 in the previous year. However, the number of pupils in those schools showed an increase, being 42,464 against 40,008 in the previous year. The number of teachers—full time and part-time—in these aided schools also showed an increase and was 1,904 against 1,821 of the preceding year. An amount of Rs. 2.82 lacs was paid as grants-in-aid to these schools during the year against an amount of Rs. 2.12 lacs and Rs. 2.16 lacs given in the preceding two years. Against this grant, the total expenditure incurred by these schools amounted to Rs. 17.44 lacs. Taking the average number of pupils on rolls at 40,874, the cost per pupils in these schools works out to Rs. 42.7 against Rs. 40.3 in the previous year. This compares very favourably with the Municipal cost.

41. The acute shortage of paper experienced in the previous year was to some extent relieved by an increased allotment of white and Badami paper from 23 tons in the previous year to 30 tons in the year of report. The normal requirements of paper for the Press had increased during the year of report as, besides meeting the Municipal Departmental demands, the Press had also to prepare forms, registers, etc., for the office of the Government Subsidized Milk Scheme and for Relief Centres opened to grant relief to the citizens rendered destitute by explosions in the Dock area on 14th April 1944. The total quantity of paper consumed during the year was 40.5 tons against 31, 37 and 53 tons, respectively, in the immediately preceding three years. During the year, the permanent workers of the Press were given a higher fixed salary from 1st March 1944 for

Municipal Printing Press.

the duration of the war and one year thereafter and were also given better leave, etc., amenities which resulted in an increased cost of labour by about 20 per cent. over that of the previous year.

The Literacy Class for teaching English by the Basic Method started for the benefit of Press workers in the previous year was continued during the year. Further amenity was provided for the Press workers by establishing a Municipal Library for them and books worth Rs. 288 were purchased. The Library is conducted by the workers themselves and is taken advantage of by a majority of them.

The Working and the Profit and Loss Account for the year shows a surplus of Rs. 2,513 on the total turnover of Rs. 2.18 lacs against Rs. 1,070 and Rs. 1.88 lacs, respectively, for the previous year. The corresponding figures for the years 1942-43 and 1941-42 were Rs. 491 and Rs. 137 and Rs. 1.78 lacs and Rs. 1.55 lacs, respectively. The labour staff on 28th February 1945 consisted of 120 workers against 110 and 113, respectively, at the close of the last two years.

Legal Assistant's Department.

42. A very brief report of the working of the Department has been included in the Administration Report. During the year, the Department was strengthened by additional staff 3,225 files were received and 2,037 letters were written to outside parties or their legal advisers and opinions and advice on 162 documents was given. Information only about the number of Court Cases attended by the Department together with the number of Conveyance Agreements, etc., completed by the Department is given in the Report. The Standing Committee hope that in future more detailed information of the working of the Department will be included in the Report.

Audit.

43. This year also the report of the Municipal Chief Auditor has not been included in the Administration Report. It is presumed that it will be submitted to the Committee independently early.

Acknowledgment.

44. In conclusion, the Standing Committee desire to express their high appreciation of the very able and valuable services rendered by both Mr. M. D. Bhat and Mr. U. M. Mirchandani whose high administrative ability and financial acumen have been of great help to the Committee.

MUNICIPAL CORPORATION OFFICE,
Bombay, 12th January 1946.

S. L. SILAM,
Chairman, Standing Committee.

Administration Report of the Municipal Commissioner for the City of Bombay for the year 1944-45.

CORPORATION, STANDING COMMITTEE AND IMPROVEMENTS COMMITTEE.

CORPORATION.

1. Mr. Nagindas Tribhuvandas Master, B.A., LL.B., M.L.A., was elected Mayor at the Meeting of the Corporation held on 10th April 1944 and held that office throughout the year.

2. One hundred and twenty meetings of the Corporation including 13 Special and Adjourned Special meetings of the Corporation and one hundred and twenty-six meetings of the Committeees and fourteen meetings of the Sub-Committees other than the Standing Committee and the Improvements Committee, were held during the year. The Councillors also attended a Civic Reception to Shrimati Kamaladevi Chattopadhyaya, President-Elect of the All India Women's Conference and to the Members of the Standing Committee of the Conference.

3. The changes that took place in the personnel of the Corporation during the year were as follows :—

Mr. J. F. Paisley, B.E., I.S.E., became an *Ex-Officio* Councillor from 28th September 1944 *vice* Khan Saheb Nadir Cawasji Balsara, B.E., J.P., who relinquished the office of the Executive Engineer, Presidency Division, from that date.

Mr. Keshav Laxman Borkar was re-elected by the rent-payers of Ward No. 11 (Mazgaon-Tarwadi) on 1st February 1945, in his own vacancy caused on account of his having ceased to be a Councillor from 22nd November 1944, owing to his absence from the meetings of the Corporation for 12 successive months.

Mr. Sitaram Chintaman Joshi, M.A., LL.B., M.L.C., resigned his seat on 15th February 1945.

Mr. Asoka Ranjitram Mehta was re-elected by the rent-payers of Ward No. 19 (Chinchpokli-Love Grove) on 1st February 1945 in his own vacancy caused on account of his having ceased to be a Councillor from 22nd November 1944, owing to his absence from the meetings of the Corporation for 12 successive months.

Mr. Gordhanbhai Ishwarbhai Patel, B.A., was elected by the University of Bombay as their representative on the Corporation on 13th September 1944, *vice* Mrs. Jayashri N. Raiji, B.A. who ceased to be a Councillor from 4th August 1944 as she ceased to be a fellow of the University.

STANDING COMMITTEE.

4. Mr. Ramchandra A. Gole was elected the Chairman of the Standing Committee at their Meeting held on the 5th April 1944 and he held the office throughout the year.

5. The changes that took place in the personnel of the Standing Committee were as follows :—

Mr. A. K. Alimahomed, J.P., was appointed as a member on the Committee on 12th June 1944 *vice* Mr. Ratilal M. Gandhi, B.A., who resigned his seat on the Committee from the 27th May 1944.

Dr. G. R. A. Sheikh, B.Sc., M.B., B.S., J.P., resigned his seat on the Committee from 1st April 1944 and was re-appointed as a member of the Committee on 8th May 1944.

6. Fifty-seven regular and twenty-two Special Meetings of the Standing Committee and thirteen meetings of the Sub-Committee thereof were held during the year.

7. There were forty-three attendances of members of the Committee for the audit of Municipal accounts and one hundred and three for the signing of cheques.

IMPROVEMENTS COMMITTEE.

8. Mr. Devji Rattansey was elected the Chairman of the Improvements Committee at their Meeting held on the 11th April 1944 and he held that office throughout the year.

9. The changes that took place in the personnel of the Improvements Committee were as follows :—

Mr. P. M. Chinai resigned his seat on the Committee from 1st September 1944.

Mr. Mohammadali S. Manyar resigned his seat on the Committee from 1st April 1944 and was re-appointed as a member of the Committee on the 11th September 1944.

Khan Saheb Mohamed E. Serang was appointed as a member of the Committee on the 4th May 1944.

10. Twenty-seven ordinary meetings including adjourned meetings of the Improvements Committee were held during the year.

LIST OF COUNCILLORS WHO HELD OFFICE ON THE 31ST MARCH 1945.

Mr. NAGINDAS T. MASTER, B.A., LL.B., M.L.A., (*Mayor*).

Mr. R. A. GOLE, (*Chairman, Standing Committee*).

Mr. DEVJI RATTANSEY, (*Chairman, Improvements Committee*).

Mr. N. S. KAJROLKAR, (*Chairman, Schools Committee*).

ACHREKAR, Mr. R. K.
ALIMAHOMED, Mr. A. K., J.P.
ALLABUX, Khan Bahadur MOHAMEDALLY, M.L.A., J.P.
ANKLESARIA, Dr. D. T., M.B., B.S.
BAIGMAHOMED, Mr. A. A.
BHARUCHA, Mr. NAUSHIR C., M.B.E., M.A., LL.B.
BHATT, Mr. MADHAVLAL M., J.P.
BHUJPURIA, Mr. KHIMJI M.
BIJJA, Mr. Y. L.
BORADE, Mr. M. R.
BORKAR, Mr. K. L.
BUTLER, Mr. H. E., C.I.E., O.B.E., J.P., (*Police Commissioner*).
CARCARY, Mr. D. D., J.P.
CHAMBERLAIN, Mr. H., J.P.
CHIMANLAL MANCHUBHAI, Mr.
CHINAI, Mr. P. M.
CHOKSY, Lt. Col. J. N., M.B., B.S.
CHOWDHERY, Mr. ZULMIRAM J.
COLLACO, Dr. J. A., L.M. & S., M.L.A., J.P.
CURSETJI, Dr. KHURSHED J. J., B.A., M.B., B.S., B.Hy., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
CURTAY, Mr. A. L., J.P.
DARVESH, Mr. SULEMAN MIA AHMED.
DAVAR, Prof. SOHRAB R., Barrister-at-Law, M.L.C., J.P.
DEORUKHKAR, Mr. B. J.
DESAI, Mr. GANPATISHANKAR N.
DESAI, Mr. MOHANLAL M., B.A., LL.B.
DONDE, Mr. M. V., B.A.
D'SOUZA, Dr. JOS. ALBAN, B.A., L.M. & S., J.P.
GANDHI, Mr. RATILAL M., B.A., M.L.C.
GANDHI, Mr. V. B.
GHARPURE, Mr. D. R., M.A., B.Sc.
GILDER, Dr. M. D. D., M.D. (Lond.), F.R.C.S. (Eng.), M.L.A.
GODBOLE, Mr. M. V.
GOR, Mr. N. J. B.A., LL.B.
GOREGAOKER, Mr. K. H., B.A., LL.B., J.P.
GOVINDJEE, Mr. VITHALDAS D.
GOVINDLAL SHIVLAL MOTILAL, The Hon'ble Raja Bahadur, J.P.
JAMNADAS DWARKADAS, Mr. B.A.
JETHMAL NARANDAS, Mr.
JOGLEKAR, Mr. K. N.
JOSHI, Mr. MANCHERJI E., L.C.E., M.I.E., J.P.
KAPADIA, Mr. MOTICHAND G., B.A., LL.B.
KARANJIA, Mr. BEHRAM N., M.L.C., J.P.
KARAPURKAR, Mr. V. A., F.C.I. (Eng.).
KHADILKAR, Mr. Y. K.
KHANDRAY, Mr. B. M.
KHIMJI, Mr. BHAWANJI A., M.L.A.
KILLEDAR, Mr. M. M., M.L.A., J. P.
MAHESHWARI, Mr. B. N.
MANYAR, Mr. MOHOMMADALI S.
MASANI, Mr. M. R., B.A., (Bom.), LL.B., (Lond.), Barrister-at-Law.
MASCARENHAS, Dr. M. U., L.M. & S., J.P.
MEHERALLY, Mr. YUSUF, B.A., LL.B.
MEHTA, Mr. ASOKA R.,
MEHTA, Mr. JAMNADAS M., M.A., LL.B., Barrister-at-Law, M.L.A.
MEHTA, Dr. SORAB P., B.A., L.M. & S., J.P.
MIRAJKAR, Mr. S. S.
MIRZA AKHTAR HASAN, Mr., B.A., LL.B., M.L.A.
MOIDEEN BAWA, Mr.
MORARJI, Mr. GORDHANDAS G., J.P.
MUNSHI, Mr. FATEHKHAN A.
MUNSHI, Mrs. LILAVATI K., M.L.A.
MUNSHI, Mr. R. F., B.A. (Cantab.), Barrister-at-Law.
NAGVEKAR, Mr. V. M.
NARAVANE, Dr. T. R., B.A., A.V.V. (T.U.), L.M. (Rot.), Z.G.S. (Vienna).
NARBHERAM NARSHIDAS, Mr.
NARIMAN, Mr. KHURSHED F., B.A., LL.B., M.L.A.
PAISLEY, Mr. J. F., B.E., I.S.E., (*Executive Engineer, Presidency Division*).
PANDIT, Mr. Y. G.
PARELKAR, Mr. B. G.
PATEL, Mr. DAHYABHAI V.
PATEL, Mr. GORDHANBHAI I., B.A.
PATEL, Mr. I. S., L.A.A., D.Com.
PATEL, Mr. MAHOMEDBHAI O. E., B.A., LL.B.
PATIL, Mr. S. K., M.L.A.
PAVRI, Dr. HOMI F., M.C.P.S., M.B., B.S.
PODAR, Mr. RAMNATH A., J.P.
PRADHAN, Mr. D. V.
PUPALA, Mr. NARSINGRAO C., G.I.STRUCT.E.
RAJAB, Mr. M. U.
RAJADHYAKSHA, Dr. B. H., M.B., B.S., J.P.
RAMA RAU, Sir B., C.I.E., I.C.S., (*Chairman, Port Trust Board*) J.P.
RAMZAN, Mr. FATEHMAHOMED HAJI.
RAUT, Mr. R. B.
ROWJEE, Mr. MOHAMEDBHOY I. M.,
SABAVALA, Mr. A. P., B.A., Barrister-at-Law.
SAHER, Dr. DADIBA N., L.M. & S., J.P.
SALEBHOY ABDUL KADER, Mr.
SAVANT, Mr. P. K., B.A., LL.B.
SERANG, Khan Saheb MAHOMED E.
SETH, Mr. MANILAL J.
SHAH, Mr. COOVERJI J.
SHEIKH, Dr. G. R. A., B.Sc., M.B., B.S., J.P.
SHIRODKAR, Mr. R. K.
SILAM, Mr. S. L., B.A., LL.B.
SINGH, Mr. KASHI PRASAD.
SOONDERDAS MORARJEE, Mr.
SUBRAMANIAN, Mr. K. A.
SUKTHANKAR, Dr. Mrs. MALINIBAI B., M.B., B.S., J.P.
TALPADE, Mr. M. N., B.A., LL.B.
TAMBE, Mr. K. G., L.C.E.
TATNIS, Mr. R. K.
THAKKAR, Mr. RATILAL T.
THAKKAR, Mr. SHIVDAS C.
TULLA, Mr. V. R., B.Ag.
TYABJI, Mrs. KHADIJA SHUFFI, M.L.A., J.P.
VAGH, Mr. R. S.
VAKHARIA, Mr. MANEKLAL N.
VASANTRAM JAMIETRAM, Mr., B.A., LL.B., J.P.
VELINKAR, Mr. V. S., B.A., Barrister-at-Law.
VORA, Dr. JETHALAL V., L.M. & S.,
WORLIKAR, MR. V. B.

Mr. U. M. MIRCHANDANI, I.C.S., (*Municipal Commissioner*).
and
Mr. B. V. MODY, B.A. (Hons.), (*Municipal Secretary*).

MEMBERS OF THE STANDING COMMITTEE AS ON THE 31ST MARCH 1945.

Mr. RAMCHANDRA A. GOLE, (*Chairman*).

ALIMAHOMED, Mr. A. K., J.P.
BHATT, Mr. MADHAVLAL M., J.P.
CHIMANLAL MANCHUBHAI, Mr.
DESAI, Mr. MOHANLAL M., B.A., LL.B.
GANDHI, Mr. V. B.
GOREGAOKER, Mr. K. H., B.A., LL.B., J.P.
GOVINDJEE, Mr. VITHALDAS D.
JAMNADAS DWARKADAS, Mr. B.A.
MIRAJKAR, Mr. S. S.
PATEL, Mr. I. S., L.A.A., D.Com.
PRADHAN, Mr. D. V.
ROWJEE, Mr. M. I.
SHEIKH, Dr. G. R. A., B.Sc., M.B., B.S., J.P.
THAKKAR, Mr. SHIVDAS C.
VASANTRAM JAMIETRAM, Mr., B.A., LL.B., J.P.

MEMBERS OF THE IMPROVEMENTS COMMITTEE AS ON THE 31ST MARCH 1945.

Mr. DEVJI RATTANSEY, (*Chairman*).

ACHREKAR, Mr. R. K.
ALLABUX, Khan Bahadur MAHOMEDALLY, M.L.A., J.P.
BHUJPURIA, Mr. K. M.
GOREGAOKER, Mr. K. .H, B.A., LL.B., J.P.
JOSHI, Mr. MANCHERJI E., L.C.E., M.I.E., J.P.
KARAPURKAR, Mr. V. A., F.C.I. (Eng.).
MANYAR, Mr. MOHOMMADALI S.
NAGVEKAR, Mr. V. M.
NARBHERAM NARSHIDAS, Mr.
PUPALA, Mr. NARSINGRAO C., G.I.STRUCT.E.
RAJADHYAKSHA, Dr. B. H., M.B., B.S., J.P.
SHAH, Mr. COOVERJI J.
SUBRAMANIAN, Mr. K. A.
TAMBE, Mr. K. G., L.C.E.
SERANG, Khan Saheb M. E.

Members of the Schools Committee for the year 1944-45.

Name of Member.	Remarks.
Kajrolkar, Mr. Narayan S.	Elected as Chairman on 5th April 1944.
Alimahomed Abubakar Baigmahomed, Mr.	Appointed from 8-5-1944.
Chowdhery, Mr. Z. J.	
*Desai, Mr. Nanubhai V., B.A., G.D.A. (Hons.), R.A. ...	Died on 17-7-1944.
Donde, Mr. M. V. B.A.	
Khadija Shuffi Tyabji, Mrs. M.L.A., J.P.	Appointed from 4-5-1944.
Khadilkar, Mr. Y. K.	
Khandray, Mr. B. M.	
*Khandvala, Mrs. Kantaben D., B.A.	
*Lele, Mr. P. R., B.A., LL.B.	Appointed from 7-8-1944. Appointed on the School Committee vice Mr. Nanubhai Desai, deceased, from 7-8-1944.
Munshi, Mrs. Lilavati K.	
Salebhoy Abdul Kader, Mr.	
Sawant, Mr. P. K., B.A., LL.B.	
Sing, Mr. K. P.	
Sukthankar, Dr. Mrs. Malinibai B., M.B. B.S., J.P.	
*Velinkar Mrs. Lilavati, V. S., M.A.	
*Vyas, Mr. B. B., M.A., LL.B.	

*Non-Councillor Members.

Mr. M. D. Bhat, M.A., I.C.S., J.P. held the office of the Municipal Commissioner upto 14th December 1944, when he relinquished the charge of the office and Mr. U. M. Mirchandani, B.A., I.C.S., J.P., who was appointed as Municipal Commissioner, took charge of the office on 15th December 1944 and held it throughout the year.

Dr. J. F. Bulsara, M.A., LL.B. (Bom), Ph.D. (Lond.), J.P., held the office of the Deputy Municipal Commissioner during the year except for the periods from 1st May 1944 to 14th June 1944 and from 1st December 1944 to 30th December 1944, when he was on leave and Mr. L. S. Kagal, B.A. (Hons.), LL.B., Assessor and Collector acted for him for the periods from 2nd May 1944 to 14th June 1944, and from 19th December 1944 to 30th December 1944.

Mr. H. B. Shivdasani, M.A. (Cantab), J.P., held the Office of the Deputy Municipal Commissioner (Improvements) throughout the year.

II.—Heads of Departments.

Mr. N. V. Modak, C.I.E., M.I.C.E., M.I.E. (India), M.I.M. & Cy.E., F.R. San. I.etc., J.P., held the office of the City Engineer during the year except for the period from 1st June 1944 to 7th October 1944, when he was on leave and Mr. B. B. Patkar, B.E., A.M.I.E. (India), Deputy City Engineer acted for him from 15th June 1944 to 7th October 1944.

Mr. E. A. Nadirshah, B.A., B.E. (Bom.), B.Sc., (Engineering Edin.) M. Inst.C.E. (Lond), M.I.E. F.I.S.E., J.P., held the post of the Hydraulic Engineer during the year except for the period from, 29th June 1944 to 28th July 1944 when he was on leave and Mr. B. P. Surti, B.E. (Mech) B.Sc., (Lond) AC.G.I. (Lond), A.M.I.E., Senior Assistant Engineer acted for him.

Mr. B. B. Patkar, B.E., A.M.I.E. (India), held the post of the Deputy City Engineer during the year except for the period from 15th June 1944 to 7th October 1944 when he officiated as City Engineer and from 12th March 1945 to the end of the year. Mr. K. H. Dastur, B.E., Ag. Assistant Engineer (Arch.), acted as Deputy City Engineer during the former period, while the City Engineer managed Mr. Patkar's work during the latter period.

Mr. J. D. Daruwala, M. Soc., C.E. (France), A.M. Inst.. CE., M.I.E., F.I.S.E., M.R. San.I., Assistant Engineer, 1st grade (Arch.) was on leave preparatory to retirement and the post was held by Mr. K. H. Dastur, B.E. (Civil), throughout the year except for the period from 15th June 1944 to 7th October 1944, when he officiated as Deputy City Engineer and from 1st February 1945 to 24th February 1945 when he was on leave. Mr. J. N. Vakil, B.E., A.M.C.I.E., acted as Assistant Engineer (Arch). for Mr. Dastur from 15th June 1944 to 7th October 1944, while the City Engineer managed Mr. Dastur's work from 1st February 1945 to 24th February 1945.

Mr.L.S. Kagal, B.A. (Hons.), LL.B. held the post of the Assessor and Collector except for the periods from 2nd May 1944 to 14th June 1944 and 19th December 1944 to 30th December 1944 when he officiated as Deputy Municipal Commissioner and during his absence Mr. S. V. Vartak, B.A., was in-charge of the office in addition to his own duties as Deputy Assessor and Collector.

Mr. B. K. Wagle, B.A., (Cantab.), J.P., held the office of the Test Audit Officer till 21st May 1944 and retired from Municipal Service due to superannuation on 22nd May 1944. Mr. T. V. Doraiswamy, B.com., Assistant Accountant, who was appointed as Test Audit Officer took charge of the office on 22nd May 1944 and continued to hold the post throughout the year.

Mr. N. K. Patel, B.Sc., (Eng. Lond.), A.M.I.E.E., held the post of the Assistant Engineer, Mechanical Branch, throughout the year except for the period from 2nd November 1944 to 2nd December 1944 when he was on leave and during his absence Mr. B. J. Doctor, Transport Officer looked after his work.

Mr. S. M. Desai, B.E. (Bom) held the post of the Deputy Estate Agent and Land Manager throughout the year except for the period from 1st November 1944 to 14th February 1945, when he was on leave and Mr. B. J. Patel, B.A., B.E. acted for him.

Dr. D. S. Laud, G.B.V.C., held the office of the Superintendent of Markets till 28th July 1944 and retired from Municipal Service due to superannuation from 29th July 1944. Mr. B. A. Contractor G.B.V.C., who was appointed as Superintendent of Markets took charge of the office from 2nd August 1944 and continued to hold the post throughout the year except for the period from 7th November 1944 to 24th November 1944, when he was on leave and Mr. J. P. Pereira Senior Assistant at the Bandra Slaughter House acted for him.

Mr. A. P. Saldhana, B.A., held the post of the Superintendent of Licences, Shops and Establishments, during the year except for the period from 13th November 1944 to 15th December 1944 when he was on leave and during his absence Mr. V. G. Sabnis, B.A., B.E., Assistant Superintendent of Licenses and Mr. S. G. Redkar, B.Sc., LL.B., Ag. Chief Inspector of the Shops and Establishments Section looked after his work in the respective sections.

Mr. S.C. Upadhyaya, M.A., LL.B., (Bom.), held the office of the Curator, Victoria and Albert Museum during the year except for the period from 4th April 1944 to 13th April 1944 and from 1st January 1945 to 5th January 1945 when he was on leave and Mr. L. B. Samant, Museum Assistant, looked after his work.

The following Officers continued in their respective appointments throughout the year:—

Mr. B. V. Mody, B.A., (Hons) as Municipal Secretary.

Mr. R. C. Mehta, F.S.A.A., R.A., as Municipal Chief Auditor.

Miss K. Khandwalla, B.A., B.T., (Bom.), M.A. (U.S.A.), as Secretary, Schools Committee.

Dr. R. P. Koppikar, M.S., F.C.P.S. (Bom). as Dean, K. E. M. Hospital and Seth G. S. MedicalCollege.

Dr. B. C. Das Gupta, B.Sc., (Hons.), (Cal.), M.B., (Cal.), M.R.C.P. (Irel.)., D.P.H. (Lond.), as Executive Health Officer.

Mr. J. K. Daruvala, B.A., (Hons.), A.S.A.A., as Chief Accountant.

Mr. N. Coombs, L.C.C. (Eng.), as Chief Officer, Fire Brigade. (Officer Commanding, Fire Services)

Mr. A. R. Manerikar, B.E., A.M.I.E., as Estate Agent and Land Manager.

Mr. M. B. Maniar (Solicitor, London) as Legal Assistant.

Mr. D. I. Ahmedi, B.Ag. as Superintendent of Gardens.

Mr. A. H. K. Shaikh as Controller of Stores.

Mr. K. R. Kelkar, B.A., as Election and Town Duty Officer.

III.—Financial.

General.

The year under review witnessed the European War in the last stages, with victory for the Allies practically round the corner. With the victory thus in sight, the eyes of the statesmen were turned to the problem of Post-war Reconstruction and experts began to busy themselves with planning for the future in every field. The Corporation in their own way, not lagging behind, were also busy thinking about their post-war problems and have succeeded in earmarking a substantial amount for post-war plans. Government control of prices has practically made its appearance in every walk of life and maximum effort is being made to put down the soaring prices of essential goods.

The progress of the War against Japan was also well maintained and with increasing Allied successes the enemy's hopes of success have been shattered.

Thus the heartening news on all fronts with which the year has closed, has had its influence on the country's trade both internal and foreign. The war-time activities continued to keep the industries in a prosperous condition and its influence has been felt on the Municipal Finances though not to the same extent as in the industries and transport and supply services of the country.

Estimates and Actuals of Income and Expenditure.

According to the Budget Estimates, the income, expenditure and deficit for the year were estimated at Rs. 393.76 lakhs, Rs. 416.46 lakhs and Rs. 22.70 lakhs, respectively. However, the actual income realised was Rs. 429.77 lakhs, and the expenditure incurred was Rs. 412.95 lakhs so that the year ended with a surplus of Rs. 16.82 lakhs.

Variation in Income.

The actual income during the year, *viz.*, Rs. 429.77 lakhs shows an increase of Rs. 25.79 lakhs as compared with that of the previous year, *viz.*, Rs. 403.98 lakhs. The total increase was Rs. 28.08 lakhs against which there were decreases amounting to Rs. 2.29 lakhs. The main increases were under General Tax, Rs. 5.93 lakhs, Town Duties, Rs. 3.22 lakhs, Grant in-aid in respect of fines for offences against the law, Rs. 0.21 lakh, Interest and Profit on Investments of Surplus, Loan and other balances, Rs. 0.27 lakh, Water Works, Rs. 10.00 lakhs, Education, Rs. 0.24 lakh, Public Health, Rs. 0.90 lakh, Medical Relief and Education, Rs. 0.78 lakh, Halalkhore Tax and Miscellaneous, Rs. 2.20 lakhs, Roads, Drains and Sewers, Rs. 0.95 lakh, Fire Tax, Rs. 0.23 lakh, Gardens and open spaces etc., Rs. 0.57 lakh and Markets and Slaughter Houses, Rs. 2.38 lakhs. The main decreases were under Miscellaneous Revenue, Rs. 0.53 lakh, Buildings, Land Acquisition and Mana-

gement, Rs. 0.49 lakh, Interest on Net Premia Fund and excess interest on Sinking Fund, Rs. 0.24 lakh

Details of Expenditure. The actual expenditure for the year, *viz.*, Rs. 412.95 lakhs shows an increase of Rs. 21.99 lakhs over that of the previous year, *viz.*, Rs. 390.96 lakhs. The total increase in expenditure amounted to Rs. 26.59 lakhs; *viz.*, Rs. 0.41 lakh under General Supervision, Rs. 1.00 lakh under Water Works, Rs. 6. 28 lakhs under Education, Primary, Rs. 0.83 lakh under Public Health, Rs. 0.57 lakh under Medical Relief and Education, Rs. 4.22 lakhs under Roads, Drains and Sewers, etc., Rs. 1.16 lakhs under Mechanical, Rs. 0.29 lakh under Fire Brigade, Rs. 0.38 lakh under Gardens and Open Spaces, Rs. 1.00 lakh, under Contribution to Improvement Schemes, Rs. 0.20 lakh under Provident Fund, Pensions, etc., and Rs. 10.15 lakhs under Dearness Allowance. The total decrease in expenditure amounted to Rs. 4.60 lahks, the main items being Rs. 0.29 lakh under Street Cleansing and Conservancy, Rs. 0.36 lakh under Markets and Slaughter Houses, Rs. 0.76 under Grant-in-aid to Public Institutions, and Rs. 3.12 lakhs under Measures for Civil Defence.

Incidence of Taxation. The incidence of taxation per head for the year was Rs. 28-13-6 against Rs. 27-1-10 for the preceding year.

Surplus Cash Balance. The net unhypothecated Surplus Cash Balance on 31st March 1945 (including the minimum required by law), was Rs. 69.08 lakhs against Rs. 64.00 lakhs on 31st March 1944.

Stores on hand. The balance of stock including Surplus and Obsolete on 31st March 1945 was valued at Rs. 12.79 lakhs against Rs. 10.83 lakhs at the close of 1943-44 showing an increase of Rs. 1.96 lakhs.

Expenditure Grants. The total amount of grants (including Renewed and Additional Grants) was Rs. 447.26 lakhs while the expenditure amounted to Rs. 412.95 lakhs, leaving an unexpended balance of Rs. 34.31 lakhs. Out of this, grants aggregating to Rs. 18.13 lakhs are reserved for being renewed for expenditure in 1945-46, while Rs. 16.18 lakhs are treated as savings.

Additional grants sanctioned during the year aggregated to Rs. 19.23 lakhs against Rs. 22.30 lakhs in 1943-44.

Loan Works Expenditure. The expenditure on Capital Works during the year amounted to Rs. 15.41 lakhs against Rs. 43.91 lakhs provided for in the revised estimates under this head.

Loan floated during the year. During the year, a loan of Rs. 15.00 lakhs was raised at $3\frac{1}{2}$ per cent. interest per annum with 30 years' currency on 3 per cent Sinking Fund basis. In addition to this, Loan advances were taken from the Special Funds to finance the expenditure on Plant and Machinery and for renewal of Road Surfaces for which no provision existed in the Fund.

Loan Liabilities. Reduction of Debt during the year amounted to Rs. 43.97 lakhs. The loan liabilities of the Corporation at the close of the year stood at Rs. 1,379.18 lakhs. The total Sinking Fund required upto 31st March 1945 was Rs. 368.25 lakhs but the actual value was Rs. 392.65 lakhs as under :—

	Rs.
Public Securities of the Market value of ...	388.99
Interest accrued on the above securities upto 31st March 1945 ...	3.66
Total ...	392.65

A comparison of the net revenue and net expenditure for 1943-44 and 1944-45 is made below in accordance with Standing Committee Resolution No. 12212, dated the 3rd February 1942 :—

Particulars.	1943-44	1944-45
Net revenue after deducting refunds, drawbacks and charges in respect of assessment and collection and granting of refunds :—	Rs.	Rs.
General Tax ...	1,49,12,961	1,55,00,646
Town Duties ...	14,82,153	18,08,663
Music, etc., and Liquor Licences ...	8,690	5,838
Returns from Property and Miscellaneous ...	12,85,929	14,55,109
Water Works ...	30,80,063	39,76,980
Street Cleansing and Conservancy, Road Watering and Halalkhore Service ...	10,34,193	12,83,516
Wheel Tax and Tolls ...	16,46,989	17,58,787
Fire Tax ...	2,24,340	2,18,756
Markets and Slaughter Houses ...	8,39,739	11,17,944
Licensing and Removal of Encroachments, etc. ...	3,97,232	3,91,254
Contribution from Capital Funds to Revenue on account of Loan Works Staff ...	66,212	57,476
Extraordinary receipts—		
(*a*) Interest on Net Premia Fund and excess interest on Sinking Fund	1,29,447	1,05,636
Rebate from Government on account of collection of the Urban Immovable Property Tax in the City ...	1,77,107	1,82,460
Excess accumulation in the Plant and Machinery Depreciation Fund ...	43,534	Dr. 43,534
Total ...	2,53,28,589	2,78,19,531

Net expenditure after deducting receipts :—		
General Superintendence ...	4,08,682	4,18,525
Education, Primary ...	39,33,180	45,37,093
Education, Secondary ...	45,714	43,213
Public Health ...	10,36,087	10,25,054
Medical Relief and Education ...	26,68,534	27,16,652
Roads, Drains and Sewers (including Public Lighting) ...	58,99,362	63,40,774
Mechanical ...	14,41,979	15,51,252
Buildings, Land Acquisition and Management ...	9,91,359	10,93,344
Gardens and Open Spaces ...	4,11,092	4,48,174
Miscellaneous ...	2,53,271	2,83,010
Contribution towards Improvement Schemes	26,26,997	27,26,785
Provident Fund, Pensions, Gratuities and Compassionate Allowances	10,92,764	11,13,058
Urban Immovable Property Tax on Municipal Properties ...	49,675	46,328
Grain Compensation (Dearness) Allowance ...	24,45,180	34,60,430
Grants-in-aid to Public Institutions ...	3,39,515	2,63,574
Measures for Civil Defence	3,81,622	69,936
Extra-ordinary Measures Removal of Debris, etc., from the fallen building at Jamshedji Tata Road, Backbay Reclamation ...	1,492	
Total ...	2,40,26,505	2,61,37,202
Surplus	13,02,084	16,82,3 9
Total ...	2,53,28,589	2,78,19,531

IMPROVEMENT SCHEMES.

General Account.

Estimates and Actuals of Income and Expenditure. The income, expenditure and deficit for the year as per Budget Estimates B were Rs. 95.40 lakhs, Rs. 101.74 lakhs and Rs. 6.34 lakhs respectively, the corresponding actuals being Income Rs. 102.00 lakhs, Expenditure Rs. 99.52 lakhs and Surplus Rs. 2.48 lakhs.

Variation in Income. The actual income for the year, *viz.*, Rs. 102.00 lakhs shows an increase of Rs. 6.55 lakhs over that of the preceding year, *viz.*, Rs. 95.45 lakhs. This is made up of increases under Land Revenue Realizations, Rs. 5.30 lakhs, Contribution from the Corporation, Rs. 1.00 lakh and Interest and Profit on Investment, Rs. 0.38 lakh counterbalanced by decrease of Rs. 0.13 lakh under Miscellaneous Receipts.

Details of Expenditure. The actual expenditure for the year *viz.*, Rs. 99.52 lakhs shows an increase of Rs. 1.58 lakhs over that of the previous year, *viz.*, Rs. 97.94 lakhs. This is due to an increase of Rs. 2.93 lakhs under Maintenance of Properties and Streets counterbalanced by a decrease of Rs. 1.35 lakhs under Debt Charges.

Capital Account.

Expenditure on Schemes Loan floated in the year. The expenditure on Capital Works during the year amounted to Rs. 4.23 lakhs. There was no fresh borrowing during the year.

Loan Liabilities. Reduction of debt during the year amounted to Rs. 29.15 lakhs. The loan liabilities of the Improvement Schemes at the close of the yeat stood at Rs. 15,83,66 lakhs. The total Sinking Fund required upto 31st March 1945 was Rs. 301.48 lakhs but the actual value was Rs. 353.38. lakhs as under:—

	Rs.
Public securities of the Market value of ...	352.10 Lakhs
Interest accrued on the above securities upto 31st March 1945 ...	1.28 Lakhs
...	*353.38 Lakhs*

IV.—ASSESSMENT AND COLLECTION.

Rates of taxation. The rates of taxation in respect of lands and buildings were the same as in the preceding year, *viz.*, general tax (including fire tax) $11\frac{1}{2}$ per cent, water-tax $3\frac{3}{4}$ per cent. and halalkhor tax 3 per cent. The rates levied for the supply of water by meter measurement continued also to be the same as in the preceding year except in the cases of textile mills, Race Course and B.P.T. properties. The rates varied generally from Annas 10 to Rs. 1-4-0 per 1,000 gallons according to the different classes of consumers.

Number of properties. The total number of properties on 31st March 1945 was 49,631.

Demand, Collection and Outstandings. The net demand in respect of property taxes was Rs. 353.83 lakhs, collection Rs. 321.97 lakhs and outstandings at the end of the year Rs. 31.85 lakhs, against Rs. 340.28 lakhs, Rs. 315.33 lakhs and Rs. 24.95 lakhs respectively in the previous year. The net demand in respect of the wheel-tax amounted to Rs. 17.79 lakhs and collection to Rs. 14.70 lakhs, leaving an outstanding of Rs. 3.09 lakhs. The aggregate outstandings at the

close of the year amounted to Rs. 34.95 lakhs against Rs. 28.35 lakhs in the preceding year. The former was reduced to Rs. 23.65 lakhs by 30th June 1945. The percentage of outstandings to the net demand was 9.4 against 7.9 in the preceding year, and if the factors beyond the control of the Ward staff were taken into account, the percentage would stand reduced to 4.08 against 2.17 in the preceding year.

Rateable Value. The net rateable value of properties in the City at the close of the year was Rs. 1,600.98 lakhs, against Rs. 1,593.54 lakhs in the previous year. There were 47 appeals against rateable values of which 29 were settled out of Court, 5 dismissed and in 7 the values were partly reduced by the Court and 5 were withdrawn and 1 is pending.

Riot Tax. Out of the total amount of Rs.39.35 lakhs to be collected in connection with the riots that occurred between 1929 and 1941, a sum of Rs. 38.10 lakhs was collected upto the close of the year, leaving a balance of Rs. 1.25 lakhs.

Urban Immoveable Property Tax. The net demand in respect of the U.I.P.tax was Rs. 95.64 lakhs, collection Rs. 86.02 lakhs, refund Rs. 0.41 lakh and drawback Rs. 0.03 lakh. The percentage of collection to the net demand was 89.94. The large outstandings were due to the fact that certain Central Government Officers withheld payment of the tax on the ground that properties requisitioned by Government were not liable to the tax.

General. The outstanding events of the year were (1) the heavy explosions of April 1944, which resulted in a loss of about Rs. 3 lacs in Municipal Revenue (2) revision of rateable values of owner-occupied properties and the increase of over Rs. 3.7 lakhs in value in 157 cases and (3) strengthening of the staff of the Motor Branch from November 1944.

V.—TOWN DUTIES AND ELECTIONS.

Revenue from Town Duties. The rates on all articles liable to Town Duty continued to be the same as in the previous year. The net receipts from Town Duties amounted to Rs. 20.05 lakhs against Rs. 16.90 lakhs in the preceding year. There was an increase in the receipts from Grain, Sugar, Wines and Spirits and Timber.

Refunds. The total number of claims for refund received during the year was 5,667 and the amount refunded was Rs. 4,86,519 against 5,880 claims and Rs. 3,83,482 refunded during the preceding year. The fees for stamping sugar bags and sealing ghee tins amounted to Rs. 21,149 against Rs. 25,872 in the preceding year.

Miscellaneous. The proposal of the Municipal Corporation to amend Schedule 'H' to the City of Bombay Municipal Act so as to enable the Corporation to levy Town Duty on certain additional articles, is still pending with Government awaiting consideraiton on the restoration of Provincial Autonomy.

Elections. As usual, the Municipal Election Roll was revised and published as required by Section 20 of the Municipal Act. The Roll of Delegates of Registered Trade Unions consisting of 106 names of delegates was also published in accordance with Section 21-A.

During the year under report there were two Ward By-elections and one By-election in the office of a Councillor elected by Fellows.

The term of the present Corporation is extended upto 31st March 1947 and the next General Elections will be held on the basis of adult franchise subject to sanction from the Government.

The total expenditure incurred amounts to about Rs. 55,028.

VI.—PUBLIC WORKS.

Architectural Branch.

Maintenance of Municipal properties The total number of Municipal and ex-Trust properties maintained during the year was 2,330. 13 properties were demolished on account of their being either in an unsound condition or being required to be pulled down in connection with the development schemes. The total amount realised from the sale of materials of the demolished properties was Rs. 4,825.

The upkeep and maintenance of these properties was carried out partly by contract and partly departmentally. Mr. M. Gulamali and Messrs. Nirmala & Company were the contractors for repairs and petty works, excluding monsoon repairs, for divisions I and II, respectively. Their rates were as under :—

Division No. I comprising A, B, C, D and E/East Wards	... 15.5 per cent. below the schedule rates.
Division No. II comprising E/West, F and G Wards, etc.	... 22per cent. premium above the schedule rates.

Many of the works entrusted to these contractors had to be carried out departmentally as they failed to carry out the same on account of the controls over materials and paucity of skilled labour.

The work of monsoon repairs as well as of lime-washing the properties were carried out departmentally.

New works estimated at Rs. 76,767, special repairs work costing Rs. 1,27,796 and other miscellenous works of about Rs. 30,000 on behalf of other departments were carried out.

Loan Works

Loan works estimated at Rs. 7,22,535 were carried out. Due to scarcity and high cost of materials on account of war, only works which were of urgent nature were taken in hand.

Works consequent upon Explosions and Fires of April 1944.

149 Municipal properties were damaged on account of the explosions and fires. Most of the repairs works in respect of these properties, estimated to amount Rs. 2,63,502, have been carried out partly through the contractors and partly departmentally. The cost of these works will be adjusted against the deposit of Rs. 2,50,000 paid by Government under the Bombay Explosion (Compensation) Ordinance XXXII of 1944.

Works of about Rs. 5,400 were carried out at different Rest Camps.

Work of construction of 300 one-room tenements at Arthur Road (estimated to cost Rs. 6,29,449 (Contractor—Mr. M. N. Verma) for housing the persons rendered homeless by the explosions, was taken in hand and it is expected to be completed by the middle of August 1945. The cost will be met from the deposit of Rs. 4 lakhs paid by Government and the balance from the amount deposited by the Citizens' Emergency Relief Committee.

Civil Defence Works.

Owing to improvement in war situation, the work of demolishing blast walls was continued. The work is grouped under Articles I, II and III, *i.e.*, according to the share of cost to be borne by (*i*) Government or (*ii*) Municipality or (*iii*) both Government and the Municipality equally. The cost is estimated at Rs. 8,897, Rs. 60,000 and Rs. 36,857 under the respective categories. Major portion of the work under Article II has been carried out but that falling under Articles I and III had to be held in abeyance for want of Government 's sanction, which has since been received.

General.

The execution of works through departmental agency was seriously handicapped for want of adequate transport facilities, as owing to conditions created by war the Municipal motor fleet could not be strengthened.

Building Branch.

Private Building construction

The total number of applications received for the construction of new buildings was 2,373 against 1,581 during the previous year. There has been a fall in the number of applications received during the last three years owing to non-availability of building materials on account of the war and also on account of the restrictions imposed by Government on the construction of new buildings.

The number of one-room tenements constructed was 57, two-room tenements 18 and blocks 8 against 159, 83 and 106 respectively, in the previous year. Exclusive of the properties destroyed by the Explosions of 14-4-1944, the number of buildings demolished during the year was only 47 which were all one-room tenements.

The number of prosecutions launched for enforcing building bye-laws was 1,566, of which 832 were withdrawn, 7 ended in warning and discharge, 324 resulted in conviction and 403 were pending against 1,131, 555, 5, 192 and 379 respectively in the preceding year.

The total number of buildings or portions thereof which collapsed during the year was 40 against 45 in the preceding year, resulting in injuries to 21 persons, none being killed against 10 injuries and 1 killed in the previous year.

Set-backs.

Setbacks valued at Rs. 1.59 lakhs were acquired and paid for during the year under report against Rs. 3.16 lakhs in the previous year, costly setbacks being paid for by annual instalments as usual. The liabilities outstanding in respect of the acquisition of setbacks amounted to Rs. 10.13 lakhs against Rs. 9.76 lakhs in the previous year. The area added to the road was 4,215.93 square yards and the cost thereof was Rs. 24,148-12-0.

Stall board and weather-frame projections

The total revenue realised from stall-board and weather-frame projections during the year was Rs. 1.33 lakhs against Rs. 1.44 lakhs in the previous year. No new projections of stall-boards were permitted during the year and the policy of withdrawing or not renewing permission for stall-boards or weather-frame projections in congested thoroughfares was followed. The Corporation have now chalked out a programme for doing away stall-board projections in a period of five years.

Subvention

Further action for the compulsory conversion of basket privies into water-closets on full flushing system in F and G Wards was suspended as the Standing Committee did not seem to be in favour of pursuing the action (*vide* their Resolution No. 1658 dated the 18th February 1942). Only 5 basket privies were converted into water-closets during the year under report. This brings the total number of privies so far converted under the scheme to 3,422.

Cement authorisation to private house-owners

In all 4,652 applications were received from house-owners for obtaining cement for carrying out urgent and essential repairs to their properties and after scrutinising them certificates for cement aggregating to about 5,220 tons were issued by the City Engineer as per the arrangement with the Provincial Government.

Revision of building regulations and bye-laws

The proposals for amending the present Building Regulations and Bye-laws have since been approved by the Corporation and awaiting sanction of Government. The codes for steel structures and for R.C.C. construction have been approved by the Works Committee and are now before the Corporation.

The unfortunate explosions in the Docks on 14-4-1944 and consequent fires caused heavy destruction of life and property in the City. The affected area was immediately cordoned off by the Police and nobody was allowed to enter the same without special permit. The entire staff of the Buildings Branch and the Slums Branch was employed in carrying out the survey work in the affected area with a view to finding out what buildings were safe for immediate occupation by the dishoused families, and on the strength of the daily reports made by them about 14,000 persons were allowed to occupy their former residences. On completion of the survey the buildings considered unsafe were reinspected and classified in different categories, and arrangements were made to remove debris from streets to enable sound buildings being occupied. The work of demolition of unsafe buildings and removal of debris from the affected area to the west of G. I. P. Railway was carried out by the City Engineer and that to the east of G. I. P. Railway by Lt. Col. Francis Seymore Williams, D.S.O., R.E., who were empowered by Government to do so under the Defence of India Rules. The number of buildings partly or wholly demolished under the supervision of the City Engineer was 147. The expenditure incurred by the Municipality in connection with this work amounted to Rs. 7,92,000 and it was included in the claim for compensation to the Government of India on account of loss sustained by the Corporation as a result of the explosions.

Inventory of Municipal properties

The inventory of Municipal properties (excluding ex-Trust properties) inside and outside the City was submitted to the Corporation.

Mechanical Branch.

Workshops

The total expenditure on departmental and private works carried out in the Municipal Workshops amounted to Rs. 2.53 lakhs against Rs. 2.26 lakhs in the preceding year and that on the upkeep and overhead charges amounted to Rs. .69 lakh which works out to 27.3 per cent. on the expenditure incurred on labour and stores used on the execution of the jobs against 33.6 per cent. in the preceding year.

Dadar Purification Works

The total volume of sewage received at the Dadar Purification Plant amounted to 4057.48 million gallons and the total crude sludge digested at the digestion plant amounted to 18.25 million gallons. The quantity of sludge gas generated amounted to 22,907,920 cubic feet, the average per day being about 62,761 cubic feet. This gas was continued to be used by the K. E. M. Hospital, the Turner Sanatorium, R. I. N. Hospital, Sewri, etc., for cooking and heating purposes. It was also used for lighting some street lamps near the Purification Works and for running the Municipal lorry converted from petrol to gas drive. The total gas supplied to the various institutions, buildings, etc., amounted to 10,996,162 cubic feet resulting in a net saving of Rs. 30,357-3-0 exclusive of the cost of gas used for the lorry. The remaining gas was allowed to burn.

The sludge gas compressor plant erected in December 1942, worked satisfactorily, and its running expenses amounted to Rs. 3,385-4-0 during the year. The sludge gas lorry covered 7,160 miles and the gas utilised by it represented an equivalent of 1,193 gallons of petrol valued at Rs. 2,162-5-0 at Rs. 1-13-0 per gallon. Equipment for conversion of six more lorries to sludge gas running has since been received and it is expected that at the end of 1945-46 seven lorries in all will be running on sludge gas.

The excess quantity of sewage continued to be received at the Purification Plant which had necessarily to be diverted to the open storm water drain. The diverted sewage was chlorinated in summer months of the year. The situation can only be improved after the plant is extended, the scheme for which has already been sanctioned by the Corporation. It is hoped that it would be possible to make a start with the extension scheme next year when the materials are expected to be available.

The running expenses of the Purification Works amounted to Rs. 1,24,692 during the year.

The enclosed forced draft Pruss filter started in 1941 worked satisfactorily during the year. It has been tried under varied conditions and the results achieved by it prove that it is less costly in maintenance than the activated sludge process and fool-proof in working. This method of sewage purification and dosposal has the further advantage that it requires less space than the activated sludge process. A full description of the filter is given in the City Engineer's report which will be useful and instructive to those interested in the development of this process for the purification of sewage. It is proposed to approach the Corporation to sanction the installation of an additional unit of this filter as a part of the extension scheme in order to have a standby unit for emergencies.

Pumping Stations

The average quantity of sewage pumped out at Love Grove Pumping Station in dry weather was about 69 million gallons per day, while during the rainy season it amounted to 71.1 million gallons per day and the cost per million gallons worked to about Rs. 6.70 against 6.45 in the preceding year. The increase in the cost was due to the defective working of 180 K. V. A. static condenser, which resulted in not having the full

advantage of the power factor discount. The condenser was replaced by a new one of the same capacity which was put in commission on 22-12-1944, since when full benefit of power factor is being derived. One more condenser of 100 K.V.A. capacity has also been purchased to serve as a standby.

This station is in immediate need of an additional transformer and at least one additional pump of 45 million gallons per day capacity to cope with the peak load flow received by it. The Corporation have already sanctioned the construction of an additional pumping station, but the work could not be taken in hand for want of funds and the abnormal conditions created by war. It is proposed to take the construction of a ' pump house ' in hand at this station next year.

Preparation of detailed plans and estimates in connection with the scheme for dealing with the problem of sewage disposal at Love Grove, which has been sanctioned by the Corporation, could not be taken in hand for want of data as to prices of materials, which were fluctuating on account of war conditions. The scheme has therefore to be postponed for some time.

All the remaining pumping stations, including the new pumping station at Jacob Circle, worked satisfactorily during the year. It is, however, necessary to provide additional pumping sets at Mahim and Matunga pumping stations to deal with the peak load as well as average flows. Sewage pumped at all these stations, excluding that at Jacob Circle, was 5,314 million gallons and the maintenance cost of the same was Rs. 89,728. The working cost of Jacob Circle Station was Rs. 19,065.

Compressor and Ejector Stations

Out of the 23 Ejector Stations, those at Tank Bunder and Arthur Road have been put out of commission since the working of pumping stations at Tank Bunder and Arthur Road respectively. All these Ejector Stations, which are operated by four compressor stations (at Victoria Gardens, Fergusson Road, Warden Road and Colaba), having already served their useful life, great difficulty was experienced in working them satisficatorily. Proposals for replacing some of these ejectors by pumping stations have been sanctioned by the Corporation but their execution could not be taken in hand due to conditions created by war. The total expenditure incurred on the maintenance of compressors and ejectors amounted to Rs. 1.83 lakhs against Rs. 1.70 lakhs in the preceding year.

Flood gates

The automatic flood-gates at Love Grove had to be thrown out of gear as their flaps have corroded. Old flood-gates are now worked and they serve the purpose.

Inspection of Factories, Workshops, etc.

There were 572 new proposals which were inspected and disposed of. The complaints received in respect of the existing factories, etc., were investigated and necesasry steps taken.

Motor Transport

There were 88 vehicles in commission during the year and the total expenditure incurred on their running was Rs. 7.02 lakhs.

Refrigeration Plant at Arthur Crawford Market

The plant at the Arthur Crawford Market has long outlived its normal life and is required to be replaced by a new one. This is, however, not possible during war time. Every endeavour was nevertheless made to maintain the plant in a working condition.

General

The maintenance cost of the pumping and compressor stations and also of the Dadar Sewage Purification Works has considerably increased due to the abnormal rise in the cost of materials and spare parts and also on account of longer working hours of the machinery necessitated by the increased population of the City.

When the City's water supply is augmented and more water is brought into the City under the augmentation scheme, the present drainage system will not be able to cope with the resultant increase in the quantity of sewage. Measures are therefore under consideration to deal with this problem and special staff has been engaged to prepare schemes for enlarging and extending the drainage system.

Works Branch.

New Works

The cost of road and drainage works carried out during the year amounted to Rs. 5.47 lakhs, out of which works costing Rs. 5.45 lakhs were carried out departmentally and the rest were carried out by contract.

Asphalt Plant and Crushers

The Asphalt Plant continued to be closed during the year on account of non-availability of asphalt. About 600 tons of asphalt penetration were released by the Tar and Bitumen Advisory Committee at the end of the year and consequently arrangements were made to start the plant in the year 1945-46. Two crushers at Worli and two at Sewri were worked during the year by contract labour. The total output of these Crushers was 6,590 brass at a cost of Rs. 2.42 lakhs.

Repairs and maintenance of roads and footpaths

The total mileage of roads in the City at the close of the year was 264.705 miles. The cost of repairs and maintenance of different types of road surfaces, including watering, amounted to Rs. 6.28 lakhs. The portions of Jerbai Wadia Road treated with "Shalimar" tar as an experimental measure in September 1942 and July 1943 were kept under observation during the year. They showed signs of wear and tear and the first portion required repairs.

Replacement and Planting of new trees.

During the year 760 new trees were planted along roadsisde at a cost of Rs. 9,020. Out of these 146 were planted on roads where no trees existed before at a cost of Rs. 4,266-11-0 and the rest replaced casualties. The total expenditure incurred on the maintenance of roadsides trees amounted to Rs. 6,771-6-0.

About 90 trees were destroyed by fire as a result of the Explosion of 14-4-1944. The estimated cost of making good the damage, amounting to Rs. 3,900, was included in the total claim against Government in this connection.

It may be remarked that many roads in the City have been steadily deteriorating since the commencement of war owing to lack of proper repairs and renewals due to non-availability of essential road making materials. Their condition has been further worsened by heavy military traffic with the result that an unusual strain has been put on the roads in the City. The roads treated with sheet asphalt suffered most as the supply of asphalt needed for repairs and maintenance was not available The roads were however kept in a passable condition in the dry season by patching and surface dressing. But in the rainy season when potholes were formed throughout the length of such roads, they had to be attended to with all expedition by having additional grants aggregating to Rs. 4.68 lakhs from the Corporation.

Considerable damage was caused to the roads, roadside trees, street lamps etc., in the vicinity of the docks by the explosions and fires of 14-4-1944. The cost of making good the damage was stimated at Rs. 3,88,506.

Footpaths

The area of kutcha footpaths in the City was about 3,41,752 square yards at the end of the year under report. The estimated cost of paving all the footpaths sanctioned as per Standing Committee Resolution No. 693 of 30-9-36 is Rs. 17.87 lakhs, and at the rate of one lakh of rupees per annum it would take 18 years to complete the programme. The Corporation have, however, allotted Rs. 6 lakhs for footpath pavement in 1945-46 and it is their intention to set apart a substantial sum for this purpose every year in Post-war Construction Programme.

Traffic amenities.

Six more refuge and taffic islands were constructed permanently at a total cost of Rs. 7,992-9-0. Five of these were constructed at Municipal cost, while the cost of the one at Bhawanishankar Road and Dadar Road, amounting to Rs. 1,455, was met out of the donation paid by Mr. Palan Sojpal.

As a means for providing safe and continuous movement of traffic at road junctions, traffic islands have proved their efficacy. There are about 34 such islands still to be constructed out of the list of islands approved by the Traffic Advisory Committee. In addition to these, about 50 junctions in the City require traffic roundabouts. Most of the traffic islands out of the list approved by the Traffic Advisory Committee will be tackled in 1945-46 from the provision of Rs. 1 lakh in the Budget.

Painting of centre lines and kerbs was continued at the cost of Government in order to make roads more visible to vehicular traffic. Government have been pursuaded to continue to bear the cost of this work in view of the prevailing military traffic in the City and the difficulty of bringing street lighting to pre-war standards of illumination. In case Government disclaim their liability for bearing the cost of centre line painting, the annual cost to be borne by the Municipality on this account will be about Rs. 70,000 if centre lines are painted four times a year.

Motor Traction and Road Rollers

The total number of motor lorries and trucks in the Road Department was 29 and the expenditure incurred on their working amounted to Rs. 1.82 lakhs. The total number of road rollers was 26, out of which 22 were steam driven and the rest were petrol driven. The expenditure on their repairs and maintenance amounted to Rs. 0.72 lakh.

Income

The following amounts were realised by way of road opening fees, ground rent or fees for temporary letting or occupation of roads and foot-paths etc. :—

	Rs. a. p.
(1) Road opening fees ...	1,007 0 0
(2) Ground rent or fees for temporary lettings or occupation of road-side lands, roads etc.	1,03,499 12 0*
	1,04,506 12 0

*Out of this amount Rs. 66,944-2-0 is the rent received from B. E. S. and T. Co. Ltd., for tramway tracks.

Maintenance of drains and sewers

The total mileage of pipe sewers at the end of the year under report was 206.77 against 206.17 in the previous year, out of which a length of 114.11 miles was cleaned during the year. Out of the total mileage of 17.18 of ovoid sewers a length of 11.72 miles was cleaned. The total length of the storm water drains in the City at the close of the year was 209.25 against 208.59 in the preceding year ; a length of 12.38 miles was cleaned during the year.

Flooding

In order to minimise inconvenience caused to public by flooding in the low-lying areas of the City during monsoon, arrangements were made to post men for 24 hours to remove kutchra from water gullies, to open out manholes etc. It is proposed to make similar arrangements every monsoon till a battery of pumps is installed for pumping storm water from the open channels when their ends get tide locked.

The total number of street lamps at the end of the year was 10,838 against 10,825 in the preceding year. The lamps were lighted by gas, electricity and incandescent oil as the case may be and the expenditure incurred on their lighting during the year was as under :—

Public Street lighting

Kind of lighting.		Number of lamps.	Expenditure incurred. Rs.
(1) Gas	...	8,758	4,86,403
(2) Electric	...	1,919	2,64,668
(3) Incandescent oil	...	161	43,276
Total	...	10,838	7,94,347

An additional expenditure of Rs. 21,651 was incurred on the erection of new lamps and on repairs and maintenance of old ones. A sum of Rs. 43,680 was paid to the Bombay Port Trust for lighting and maintenance of lamps on roads and wharves in the Dock areas. The total cost on account of public lighting amounted to Rs. 8.15 lakhs against Rs. 8.67 lakhs in the previous year, exclusive of the contribution paid to the Bombay Port Trust.

Labour Problems.

Owing to the tendency for shirking work, noticed in the Municipal labour staff, which results in the wastage of public funds, the question of carrying out a part of the work of maintenance of roads by contract has to be seriously considered. If no improvement in the attitude and turn-out of the Municipal labour staff is noticed, we shall have to introduce some sort of contract systems for maintenance of roads.

Another problem awaiting solution is the housing accommodation for the labour staff numbering 1,500 which at present is housed in buildings requisitioned for A. R. P. purposes. As the war has now ended, the requisitioned buildings will have to be relinquished to their owners and unless housing accommodation is provided to the staff elsewhere, it would be extremely difficult to have these buildings vacated. Steps have therefore to be immediately taken to cosntruct quarters for this staff.

Kurla Deonar Railway Works.

Removal of Town refuse to Deonar

The town refuse was, as usual, transported to Deonar in Railway wagons. The total refuse so removed was 2,62,476 tons against 2,50,920 tons in the previous year and the cost of its removal and disposal at Deonar amounted to Rs. 3.30 lakhs against Rs. 3.32 lakhs in the previous year. The rolling stock of the Municipal wagons was 181 and the cost of their maintenance including Railway sidings amounted to Rs. 55,319 against Rs. 67,961 in the previous year. Most of the wagons have outlived their useful life and the cost of their maintenance is on the increase year to year. It is, therefore, proposed to replace the old wagons in the course of 10 years by making a yearly provision for purchasing new wagons.

The work of unloading the wagons was carried out by departmental labour housed at Deonar at a cost of Rs. 1,02,040 against Rs. 93,282 in the preceding year.

Income

The total area reclaimed so far is 343 acres out of a total of reclaimable area of 823 acres at Deonar. The reclaimed land was let out for cultivation as usual, which together with the right of fishing in the " Khajans " and temporary letting of land, fetched a sum of Rs. 86,211 against Rs. 44,043 in the preceding year.

Some portion of the reclaimed land is proposed to be leased to Military authorities for laying a temporary railway siding from the Bone Factory to their Ammunitation Wharf and Depot constructed on our land. The area occupied by the Military siding and Ammunition Depot including the Safety Zone comes to about 199 acres.

A welfare centre with maternity ward attached hereto was opened in the Camp in December 1944 for the benefit of the labour staff.

VII.—ESTATES AND LAND MANAGEMENT.

New Schemes.

Scheme 72, Tripartite Road Improvement Scheme.—The construction of the carriage way of the proposed Tripartite Road is completed. The claimant of Case No. L.A.Q. 33/1, had filed a reference in the High Court and the same was amicably settled under Standing Committee Resolution No. 635, dated the 8th August 1944. A consent decree for a sum of Rs. 2,500 has been passed against the Municipality by the High Court, each party to bear its own cost of the reference.

Scheme 73, Palton Road Estate, Improvement Scheme for accommodating poorer and working classes.—The construction of the third and last block which is the only work now remaining, will be taken n hand as soon as the restrictions on the construction of buildings are removed by Government.

Scheme 74, Sion Overbridge Improvement Scheme.—Case No. L.A.Q. 38/1 has now been closed for Award. Special Land Acquisition Officer will publish his award shortly.

Slum Service and Clearance.

(1) *Scheme for the extension of Kelewadi Lane.*—Out of the six properties required to be acquired for the Scheme, one has already been taken charge of and negotiations in respect of others are nearing completion. Actual work of completion of the passage will be taken in hand when all the properties have been acquired.

(2) *Proposals for the layout of 72 feet Road from Girgaum Road to Queens Road and 40 feet Road rom Mangalwadi to the proposed 72 feet Road.*—Proposals have been kept in abeyance till the proposed draft amendments in respect of Slum Clearance have been passed.

(3) *Improvement of Lohar Chawl Lane off Wanzawadi.*—Preliminaries for notifying the scheme under Section 354(I)(*i*) of the Municipal Act have been completed, and notification will be shortly issued.

(4) *Mahim Town Planning Scheme.*—A proposal to develop the undeveloped portions of Mahim G Ward under the Town Planning Act is under consideration.

(5) *Development of Gollanji Hill.*—Plans and Estimates for the development of Gollanji Hill have been submitted to the Corporation.

(6) *Development of Dharavi.*—The layout prepared for the area is under the consideration of the Improvements Committee.

(7) *Report regarding Greater Bombay.*—Statistical information has been collected and a report is being drafted.

(8) *A report regarding Housing Problem in the City of Bombay.*—The question is still under consideration.

Information in respect of properties (1) Telwadi (2) Pofalwadi (3) Zaoba's Wadi etc., is being collected for preparing Schemes.

Information for Schemes in respect of (1) Jambli Street (2) D'Souza Street (3) Chinchbunder Road (4) Bellasis Road (5) Arthur Road and (6) Valpakhadi has been collected and report will be kept ready in view of the proposed Legislation in respect of Slum Clearance.

(9) *Mandvi Town Planning Scheme.*—On the 14th April 1944 the area near about Mandvi was devastated by the explosions and several buildings were either destroyed by splinters or burnt down by fires. This area, being an important business centre, was found to be very congested and due to high land values in the locality, improvement in the way of widening of streets, provision of open spaces, etc., would have been very slow and costly. Government were approached in the matter and a notification declaring the Corporation's intention to make a scheme as required by Section 9(1) of the Bombay Town Planning Act was published in the Government Gazette on the 7th December 1944, and necessary plans with schedule etc., have been submitted to the Provincial Government for sanction. This sanction is awaited. As soon as the sanction of Government is received, the work of preparation of the draft Scheme will be taken in hand.

With a view to putting a stop to the erection of buildings in this area, it was necessary to obtain certain powers and Government were approached to pass the City of Bombay (Building Works Restriction) Act, 1944. This was passed on 22nd December 1944.

Acquisition of lands.—(*ex*-Trust Schemes).

(Cases in respect of Old Slums Notified prior to Amalgamation).

The three remaining cases (2 cases in Scheme 5 and one in Scheme 37) having an area of 4,649 square yards still remain to be acquired.

Changes in the ex-Trust Estates.—The area of the permanently leased land increased during the year from 46 lakhs square yards to 48 lakhs square yards and the rent in respect thereof increased from Rs. 38.8 to Rs. 39.5 lakhs. The area of developed land remaining to be leased was 4.5 lakhs square yards against 4.9 lakhs square yards in the preceding year. The area of the undeveloped land was reduced from 60.5 lakhs square yards to 58.8 lakhs square yards. It will be seen that at the end of the year 1944-45 out of the total of about 2,879 acres vested in or acquired by the *ex*-Trust, about 42 per cent. remained to be developed and of the developed area 8 per cent remained to be leased. The average value of the leased plots is Rs. 20 per square yard and that of plots which remained to be leased is estimated at Rs. 20 per square yard.

Dishousing and accommodation. There were practically no vacancies in the chawls during the year. Members of the menial staff who are entitled to receive a house rent allowance continued to occupy rooms in ex-Trust permanent chawls rent-free in lieu of house rent allowance. Their number was 425 on 31st March 1945. Railway passes are being issued at Municipal cost to such of them as are obliged to reside beyond one mile from their place of work.

During the year, 10 acquired buildings containing 50 tenements were demolished. No new residential accommodation was provided by the lessees of the ex-Trust Estates as the Building Control Order prohibiting the construction of new buildings was operative throughout the year. The total number of tenements provided upto the close of the preceding year in all the ex-Trust Estates including those erected by the Development Department and several Mills exceeds the total of tenements demolished by 30,987.

Disposal of lands Long Leases.

The number of plots let during the year was 89 comprising a total area of 2,13,159 square yards (44 acres) and valued at Rs. 49,67,929. Only one plot was resumed during the year and was subsequently re-let. The total number of plots disposed of upto the end of 1944-45 is 3,696 with an area of 50,25,013 square yards (about 1,038 acres) and valued at Rs. 9,88,09,997 yielding an annual rent of Rs. 34,62,906 in respect of plots for which premium or commutation amounts have not been received. The rate at which the ground rents are capitalised in the various tables in this report is at 22½ years' purchase for plots let before 23rd November 1920 and 18 years' purchase thereafter.

Short leases.

There were 633 acquired buildings in charge of the Estate Agent and Land Manager's Department at the commencement of the year. 10 buildings were demolished and 13 were sold. Thus, at the end of the year there were 610 buildings containing 5,247 tenements.

The rents realised from the acquired buildings in 1944-45 aggregated to Rs. 7,93,870 and the total temporary revenue realised to Rs. 15,77,448 which compares favourably with previous years. The increase in revenue is due to the large areas let to Government for defence purposes.

The gross demand for the ex-Trust chawls was Rs. 9,64,123. The net demand for the year after excluding the amount of Rs.98 for vacancies and Rs.39,320 for concessional rents was Rs. 9,24,705. The revenue actually collected came to Rs. 9,17,464 which is equivalent to 99.23 per cent. of the net demand for the year.

The gross demand of 2,842 rooms in the semi-permanent sheds including the permanent ground floor rooms and sheds known as Labour Camp was Rs. 1,60,500. The net demand for the year, excluding Rs. 68 for vacancies and Rs. 3,567 for concessional rents was Rs. 1,56,865. The amount actually collected came to Rs. 1,57,160 which is equivalent to 100.12 per cent. of the demand.

The monthly rent charged for rooms in the permanent chawls built by the ex-Trust ranges from Rs. 4-15-0 to Rs. 12 for one room-tenements, from Rs. 17 to Rs. 23 for two-room tenements, from Rs. 30 to Rs. 35 for three-room tenements.

The percentage of outgoings in respect of chawls and S. P. Sheds works out to 56.41 and 57.83 per cent. on the basis of the maximum annual, rental of Rs. 9,64,123 and Rs. 1,60,500 respectively.

The collection during the year on account of rents from the chawls, amounted to Rs. 9,17,464. Deducting therefrom the outgoings amounting to Rs. 5,43,900 the net income came to Rs. 3,73,564. The capital expenditure incurred on these chawls including the value of land is 151.53 lakhs. The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per cent per annum on the Capital Expenditure prior to 1919-20 and at 6.35 per cent per annum on the expenditure incurred subsequent thereto. This amounts to Rs. 8.88 lakhs per annum. After deducting the amount of net income the accounts for the chawls showed a loss of about Rs. 5,14,436 for the year.

The average population in the chawls during 1944-45 was 48,986 as against 45,168 and 38,322 in 1943-44 and 1942-43 respectively, whilst the corresponding figures for semi-permanent sheds (excluding labour Camps) were 6,881, 6,113 and 5,816 respectively.

The deaths reported as having occurred in the ex-Trust chawls during the year were 7.4 per 1,000 against 5.8 and 5.0 in the year 1943-44 and 1942-43 respectively. These are exclusive of deaths not reported to the Chawl Office as also of those that may have occurred outside the chawls at Hospitals, etc.

Mang Gaurdi Camp

In order to minimise the nuisance in the City from the vagrants mostly of mang-garudi class, a plot of land admeasuring about 23,975 square yards in Scheme 56, Dharavi, has been earmarked for the purposes of accommodating them. The area has been sub-divided into small plots and each family has been allotted a plot where it is allowed to put-up at its own cost a small shed with adequate open spaces. Sanitary conveniences on full flushing system have been provided at Municipal cost. The total number of families accommodated in the Camp at the end of March 1945 was 409.

Legal Proceedings.

In the year under review, 193 Ejectment and Claim Suits were filed against the tenants who had run into arrears and the total cost incurred in respect of these suits came to Rs. 2,623-4-0 which was recovered during the year along with Rs. 51-8-0 being the arrears pertaining to the previous years.

High Court Suit No. 937 of 1934 was filed against Ram Kuber Ram Bhagoo and others *inter alia* (*a*) for ejectment and vacant possession of the land and premises belonging to the Municipality at Kala Killa, Dharavi comprised in Case No. 201 Scheme No. 56, (*b*) for compensation for use and occupation thereof and (*c*) for authorising the Plaintiffs to cause the dead body of one Surji Bhoja to be exhumed and to be buried in a proper place and ground. On 16th January 1945, the suit was transferred by the High Court to the list of Long Causes in view of the written statement filed by the Defendants.

LAND ACQUISITION AND MANAGEMENT.

(Municipal Section—Schemes, Overbridges, etc.)

Acquisition of Khardi Village Gaothan (Thana District) for prevention of contamination of Tansa Catchment.—The decision of the Government to notify the properties included in the old Gaothan under Section 6 of the Land Acquisition Act is still awaited.

Acquisition of land for the construction of additional Purification Works, Tulsi Pipe Line, Dadar.—The claimants in Case No. L.A.Q. 45/6 have now filed in the HighCourt their statement of particulars of claim. The Municipality have submitted a report to the Government Solicitor for drafting points of defence. The case will shortly reach the Board of High Court for final hearing for determining the compensation to be awarded.

Acquisition of properties off Maruti Street, bearing C. S. Nos. 851 and 867 of Fort Division in connection with the construction of the proposed extension of the 60' Parsi Bazar Street.—The land has been notified for acquisition under Section 6 of the Land Acquisition Act and the case is now proceeding before the Land Acquisition Officer for determining the compensation to be awarded for acquisition of the properties.

Taking over the Maintenance of the Sewerage Pumping Station of the Bombay Development Department Chawls originally erected by Government.—C. S. No. 147 (part) of Sewri Division :—The lease has been executed and registered.

Lease of Port Trust Land to the Municipality at Mahim Causeway for Municipal Town Duty Office.—The draft lease prepared by the Port Trust has been returned duly approved for engrossment and execution.

Acquisition of land for the construction of a Town Duty Office at Duncan Causeway, Sion.—The proposal to acquire land has been dropped in view of abnormal times.

Housing Accommodation Scheme for Fishermen at Mahim Causeway.—The draft lease prepared by the Solicitor to Government has been received for approval.

Revenue Suit No. 1 of 1940, Assessment of Crawford Market to Land Revenue.—An appeal in the suit is pending before the High Court.

Reservation of an area for a recreation ground in lieu of Parel Tank site resumed by Government.—The Government have refused to hand over a triangular strip of land from the Haffkine Institute Compound for being absorbed in the play-ground. However negotiations are still proceeding with Government.

Acquisition of land for the construction of a road on Tulsi Pipe Line land between Haines Road and Mahim Creek.—The proposal to tackle the scheme by sections is being submitted to the Corporation.

Acquisition of land by the Defence Department.—The land comprised in Plots Nos. 140 and 103 and part of Service Passage to the South of Agripada (West) Estate has been acquired by the Government. Negotiations for fixing the compensation for Municipal interest have fallen through and it is proposed to refer the matter to arbitration.

The land comprised in plots Nos. 113-114 and 108 in Scheme No. 6 (East) has been acquired by Government and negotiations for fixing the compensation for Municipal interest are proceeding.

Special Road Schemes.

Hornby Road to Ballard Pier Scheme.—The total rent recovered from the Scheme during the year amounted to Rs. 1,656. The previous year's recovery was Rs. 1,922-5-0.

Palton Road Estate.—The semi-permanent sheds in this estate are let to poor tenants. The total rent recovered from the Estate during the year amounted to Rs. 13,161. The previous years realisation was Rs. 11,892.

No appreciable change could be effected in other Schemes.

VIII.—WATER WORKS.

Water Supply.

1. The total quantity of water supplied to the City and Suburbs during the year from various sources was 41,802 million gallons, of which 34,036 million gallons were supplied to the City from Tansa (93.25 million gallons per day), 6,444 million gallons from Vehar (17.65 million gallons per day), and 1,322 million gallons were supplied to the Suburbs from Tulis (3.62 million gallons per day). The Powai Lake remained unused as before. The average supply per day was 114.52million gallons, *i.e.*, 0.26 million gallons-more than in the previous year. This amounted to 73.52 gallons per head per day for all purposes on the basis of the population recorded at the Census of 1941. If the actual population is taken at about 25 lacs (including the floating population) the daily quota per head for all purposes works out to 45.80 gallons, *i.e.*, 0.17 gallons less than in the preceding year. The minimum and maximum supply per day amounted to 97.60 and 129.30 million gallons respectively. The approximate quantity of water used for various purposes was 5.17 per cent for mills, 3.40 per cent for Railways and Port Trust, 4.35 per cent for the Suburbs, 62.31 per cent for domestic supply, 16.17 per cent for other purposes, such as Drainage and Sewerage works, Public conveniences, Hospitals, Charitable institutions, Milch cattle and other stables Gymkhanas and Play grounds, Race Course, Laundries, Hotels, Fire purposes, Road washing, Gully flushing, etc, and 8.60 per cent was wasted due to leaks and other unaccountable losses.

Rainfall.

2. The rainfall at Tansa, Vehar and Tulsi was above the average of the preceding quinquennium. The Tansa lake over-flowed for 43 days, Tulsi for 42 days and Powai for 60 days. The Vehar lake did not overflow during the year.

Trunk and Distributory Mains.

3. 197 miles of trunk mains of various sizes consisting of steel and cast iron mains and 27½ miles of masonry duct including 9 Venturi meters, 170 hand operated sluice valves, 52 pressure gauges and recorders, 35 burst alarms, 121 air valves etc., were maintained during the year. 378.38 miles of trunk and distributory mains of various sizes were also maintained during the year within the City. Three main bursts occurred during the year:—(1) on 48″. Old Tansa main at Pogaon; (2) on 32″ Vehar main at Chembur and (3) on 24″ Vehar main at Kurla; besides, four heavy leaks occurred on :—(*a*) 57″ East Tansa main at Sahar, (*b*) 50″ Steel main in Pogaon Syphon, (*c*) 32″ Vehar main at Chembur, (*d*) four heavy leaks on 24″ Tulsi main between Marol Venturi house and Bandra Sluice House. In addition to this, there were 17 bursts on various mains within the City.

Embankment and Trolley Track.

4. 118 miles of embankment including cuttings, carrying the pipes and trolley track were maintained. Out of a total length of 81.5 miles of trolley track only 65 miles were maintained for transport purposes for want of adequate funds.

Sterilization of Water Supply.

5. The entire supply from the Tansa lake was chlorinated at the Chlorination Plant at Powai and Ghatkopar, while the Vehar supply was chlorinated at the chlorination plant at Powai. The total cost of chlorination was Rs. 1,97,083 *i.e.*, Rs. per million gallons. The policy of maintaining a certain residual dose of chlorine at Powai was continued. The Tulsi supply was treated with liquid chlorine, ammonia gas, ammonium sulphate and alum, a major portion of the cost whereof was borne by Government as most of the supply was used for the Suburbs. The cast iron tank, which was erected at Powai last year stood satisfactorily against the corrosive action of Ammonium sulphate and hence another such tank has been erected. The cast iron tank was painted from time to time with Bituminous Paint.

Bacteriological and Chemical Water Tests.

6. Fortnightly bacteriological and Chemical tests of all the lake waters before and after chlorination were carried out throughout the year. The purity of water after sterlization maintained during the year conformed to the standard laid down by the Ministry of Health in England.

Distribution of Water in the City.

7. For distribution purposes the City is divided into three main divisions, (1) South and West, (2) West and (3) North, which were supplied water from the Malabar Hill Reservoir, the Bhandarwada Hill Reservoir and directly from the trunk mains respectively. As the lakes stopped overflowing at the end of August 1944 and as it was not possible to bring to the City as much quantity as was brought during the previous year, the supply had to be restricted to about 106 million gallons per day from 7th November 1944. This necessitated curtailment of the hours of supply by one hour (half an hour in the morning and half an hour in the evening).

Dock Explosions.

8. Meritorious and useful service was rendered by the department at the time of the explosions which occurred on 14th April 1944 in the Bombay Docks. The water supply for Fire Fighting purposes in the affected areas was best maintained by diverting the 57″ West main supply through the 32″ Grant Road, 28″ Ebrahim Rahimtoola Road and 18″ Abdul Reheman Street water mains. In all 63 sluice valves had to be operated for the purpose. A large number of water mains, service pipes, hydrants etc., were damaged due to the explosions including the 24″ main in Frere Road, which was damaged by a large piece of metal weighing several hundred tons falling right over it. The entire cost of repairs was borne by the Government of India.

Control System.

9. The distribution of water to all parts of the City for the supply, as well as for extinguishing fires is controlled at Babula Tank Control Station under the direct supervision of the Assistant Engineer Distribution. The Control Station is manned continuously for 24 hours from which orders are given to the different wards and the Reservoirs for regulating the supply from the trunk and distributory mains. Short supply complaints received by the Control Station from the general public are immediately transmitted to different Wards for taking prompt action. A Sub-control Station at Futka Tank is maintained for regulating the supply from the trunk mains, in case of fire particularly in the north of the island.

Short Supply Complaints

10. On account of the increase in population, greater demand for water for industrial and war purposes and reduction in quantity of water due to the failure of monsoon in its latter part, there was considerable shortage of water and increase of short-supply complaints. The number of short-supply complaints received and attended during the year was 3,270. To mitigate the complaints as far as possible the supply had to be regulated by the operation of various sluice valves.

Gardens.

11. The gardens, along the slopes of Gibbs and Ridge Roads, the Sir Phirozeshah Mehta Gardens at Malabar Hill, the Joseph Baptista Gardens at Bhandarwada Hill and six gardens outside the City were maintained during the year. All the gardens except the Joseph Baptista Gardens at the Bhandarwada Hill were open to the public throughout the year. During the year a new garden was laid out at the site of the Ladies' Gymkhana, Ridge Road, at a cost of about Rs. 20,000. The design as made out by Mrs. E. A. Nadirshah, offers a very nice combination of terraces, flower-beds, lawns, galleries, rockeries and walks. The garden was opened to public (Ladies and Children only) on 21st March 1945 by His Worship the Mayor, Mr. Nagindas T. Master, B.A., LL.B., M.L.A.

12. At the Vegetable- Fruit and Flower Show held at the Victoria Gardens on the 17th and 18th February 1945, the Sir Phirozeshah Mehta Gardens, Joseph Baptista Gardens, and the Ridge Road Garden for Ladies and Children competed under different classes. Several prizes were awarded to the gardens, amongst which was the Municipal Commissioner's cup for public Gardens; which was awarded to the Sir Phirozeshah Mehta Gardens. The total amount collected in cash was Rs. 461.

Vegetable, Fruit and Flower Show.

13. 407 new house-connections were given during the year bringing the total number of water connections in the City to 51,752. 54 connections were disconnected on account of demolition of buildiugs. 618 prosecutions were launched for the infringement of the provisions of the Municipal Act and for violating Bye-laws relating to water works. 342 works, such as giving connections etc., to private parties were carried out at their cost amounting to Rs. 28,453.

House connections.

14. 78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle troughs, 61 stand-pipes and 2 dipping wells were open to the public and maintained during the year.

Fountains and Cattle troughs.

15. 15,198 defects, 6,401 underground and 8,797 over ground were detected and repaired during the year. The total length of water mains tested for leakage by Deacon Meters and by sounding was 253 miles and 119 miles respectively. The number of notices issued to the owners of private premises for defects in water fittings was 5.935.

Defects in water mains and their testing.

16. The Maintenance Branch Work-shop carried out throughout the year repair and testing works, including repairs and upkeep of Plant and Machinery pertaining to water department. 37,312 water works fittings (17,402 from private parties and 19,910 pertaining to the Municipal works) were tested and the revenue derived from it amounted to Rs. 2,937. 2,108 meters of different sizes were maintained during the year. In addition to this, 197 meters were submitted by private parties for test, out of which 149 were passed and sealed and the remaining were rejected.

Maintenance Branch workshop.

17. The special staff appointed for detection of chokes in service pipes was continued during the year. About 2,048 connections were cleaned.

Chokes in service pipes.

18. To minimise complaints due to chokes in consumers' pipes and fittings in Dadar-Matunga area which is supplied from the Vehar lake, the Corporation sanctioned funds for the work of cleaning consumers' pipes and fittings beyond stop-taps in this area. The work was started in the middle of September 1943 and by the end os the year, 1,601 connections (4,89,857 R.ft.) of different sizes were cleaned at a cost of Rs. 9,058. Thef work is still in progress.

Cleaning of Consumers' Pipes and Fittings in Dadar-Matunga area.

19. As an experimental measure, a special staff was appointed for periodical cleaning of meter-strainers. 1,910 meter strainers were cleaned by the end of the year. It was noticed that in about 55 per cent of the cases, there was an increase in revenue on account of the periodical cleaning of meter strainers. Besides, the number of complaints on account of chokes in meters was less than in the preceding year.

Cleaning of Meter Strainers.

20. About 5.35 miles of distributory mains of different sizes were laid out of the Loan Funds. Other works provided under the Loan Funds, such as, Guniting Tansa Dam and providing a trolley track along the toe of the Dam, providing concrete blocks under steel mains outside the City, Guniting 57" steel mains in Sleater Road, repairs to the damaged span of the Kasheli Bridge, repairs to the Swing Bridge in Kurla Creek etc., were carried out during the year under report. The total expenditure booked during the year amounted to Rs. 6,41,738.

Loan Works.

21. The works provided under New Works (Revenue) were carried out to the extent of Rs. 19,546.

New Works.

22. The work of guniting the upstream side of the Tansa Dam was started in the month of March 1944 by Messrs John Fleming & Co., and was continued till the end of June during the year under report. The total of about 37,000 square feet of guniting was done before the beginning of monsoon.

Repairs to the Tansa Dam.

For the work of laying trolley track at the foot of the Tansa Dam, the foundation of the part of the superstructure of the bridge No. 6 was carried out to the extent of funds available. Further work is kept in abeyance, pending sanction of the Corporation to the revised estimate.

For laying a 3" thick plain cement concrete slab on the top of the entire length of the Dam another contract has been made with Messrs. Allied Construction Co. The work has not yet been taken in hand.

23. The special staff comprising of three Sub-overseers and three peons was continued during the year. In all 95 gaugings were taken on various trunk and distributory mains.

Pitometer Gaugings

Elevated Tank construction at the Bhandar wada Hill.

24. As the contractors did not take any action for rectifying the defects, they were called upon by the Municipal Commissioner to submit their definite proposals for rectifying the defects. The proposals submitted by the Firm were not upto the Municipal requirements and the Firm was therefore requested to do the work according to Municipal design. The Firm on declining to do the same Mr. E. P. Nicolaides of Messrs. J. C. Gammon Co. Ltd., was consulted and was requested to give his opinion on the design submitted by the contractors and the proposal made by the Municipality. Mr. E. P. Nicolaides opined that the contractor's proposal fell considerably short of the actual requirements. Even the Municipal proposal though an improvement on the contractor's design, was somewhat deficient with regard to the provisions of additional reinforcements. The recommendations of Mr. E. P. Nicolaides were communicated to the contractors and they have been asked to carry out the work accordingly.

Encasing 57" Steel Mains in Sleater Road.

25. The work under this year's contract was started by the end of September 1944 and about 530 R.ft. of steel mains were treated with reinforced gunite during the year under review.

Repairs to the damaged parts of the Kasheli Bridge.

26. The works of renewal of worn out and corroded bracings, providing 24" cross connections between 72" East and West and 48" old and 50" New Tansa mains on the downstream side on the Kapurbawadi Anchor Block and fixing of wooden planks on the 200 R.ft. span were completed during the year.

Concrete Blocks under steel mains in the Outside City division.

27. A further amount of Rs. 50,000 was sanctioned for this work out of which 107 blocks were constructed, (41 under 57" Tansa mains and 66 under 72" Tansa mains).

Swing Bridge in Kurla Creek.

28. The old steel work of the Bridge was cut, dismantled and removed. The old piers were raised in level with the extended portions which were carried out during the last year, to obtain sufficient head-way under the Bridge. The trolley track has also been laid in its permanent position between the two Tansa mains.

Augmentation of City's Water Supply.

29. The proposal recommending the utilisation of tailrace water of the Bhivpuri Power Station of the Tata Hydro-Electric Agencies as suggested by the Committee of Experts was considered by the Works Committee and the Corporation. Administrative approval was accorded thereto and the Commissioner was requested to carry out negotiations with the Tata Hydro Electric Agencies and the Government for an agreement to obtain 100 million gallons per day at 425 M.S.L. and to carry out the detailed survey with plans and estimate. At the end of the year, negotiations were in progress.

Tulsi Pipe Bridge across Bandra Creek.

30. The alternative proposal estimated to cost Rs. 65,141 for constructing a single span bridge over the existing abutment has been approved by the Corporation and the work has been entrusted to Messrs. Garlick & Co.

Examination of the submerged parts of the Kasheli Bridge.

31. The work of examination of the submerged parts of the Kasheli Bridge which was entrusted to the Diving Engineer to the Bombay Port Trust was completed during the year under review. Necessary drawings and estimates are now being prepared for strengthening the bridge as recommended by the Diving Engineer.

Providing orifices on Bib-taps on ground and first floors in the Tardeo Area.

32. With a view to effect improvement in the water supply to the premises, experiments were carried out in the Maintenance Yard at DeLisle Road with bib-taps fitted with various sizes of orifices. In view of the success of this experiment, the Municipal Commissioner recommended the Standing Committee and the Corporation that the experiment may be extended to a particular locality where all the taps on the ground and first floors be provided with orifices. The Corporation has sanctioned a grant of Rs. 6,250 for the work and tenders were invited by the end of the year under review.

Improving faulty distribution system in private premises-Survey of chawls.

33. On complaints being received from the Government that there was unequal distribution of water supply and that the chawls occupied by the Mill hands were not getting enough quantity of water, the Municipal Commissioner appointed a special staff comprising of one Inspector, two Sub-overseers, four chaviwallas, four Mistries and four labourers for a period of two months for carrying out the survey of Mill Chawls and putting up requisitions for improving water supply to these chawls. In all about 2,433 chawls were surveyed and the Government was asked to release the materials required for improving the water supply.

Proposals for emergency augmentation of City's water supply.

34. With a view to mitigate the extreme shortage of water supply in the City, the Corporation requested the Municipal Commissioner to consider the question of adopting immediate measures for

(1) Increasing the existing supply;
(2) Regulating the distribution in a more equitable manner;
(3) Eliminating the wastage of water.

As regards (1) above the following proposals were submitted to the Corporation for approval :—

(*i*) Lowering the Tansa outlets below 380 T.H.D.;
(*ii*) Providing automatic shutters;
(*iii*) Re-conditioning the duct line and reinstating the missing portion of Powai and Ghatkopar Syphons.

As regards (2) above the following proposals were submitted to the Corporation for approval :—

(*i*) Service reservoirs for the north of the Island at Worli and Rowli Hills;

(*ii*) Providing additional mains to improve the distribution Systems;

(*iii*) Providing venturi meters on trunk, outlet, inlet and distributory mains.

With regard to (3) above the following proposals were submitted to the Corporation for approval :—

(*i*) Re-washering the leaky taps;

(*ii*) Proposals for anti-waste campaign.

Works for improving the Distribution System.

35. With a view to improving the distribution system in the City, so that water may be more equitably distributed, the following works were carried out :—

(*i*) Provision of a 32" non-return valve on the 32" west main, at Nana's Chowk;

(*ii*) 24" cross connection at Carrol Road Junction Delisle Road;

(*iii*) Improving supply in E Ward cross connection with the 36" inlet to the Bhandarwada Hill Reservoir;

(*iv*) Extension of 18" main in King Edward Road upto Sewri Station;

(*v*) 12" main on the western slope of Malabar Hill;

(*vi*) Measures for preventing bursts on 48" old and new Tansa mains;

Static Tanks.

It was further decided to demolish 48 static tanks, bringing the total number of tanks demolished to 89. 15 tanks have been allowed to stand filled with water.

Surface Wells.

37. The 10 pumping sets which were removed during the previous year were handed over to the City Engineer for being utilized to improve the water supply to the Municipal Chawls.

Staff.

38. The total number of superior staff during the year was 182 and that of the inferior staff, such as, Chaviwallas, Stores attendants and peons was 60. The labour staff both permanent and temporary including labourers, artisans etc, employed during the year was about 1513.

IX.—FIRE BRIGADE.

Fire Stations and Appliances.

During the year 4 additional Bombay Port Trust Auxiliary Fire Service Stations were opened in addition to the existing 9 Fire Brigade Stations and 11 Auxiliary Fire Service Stations. Proposals for opening three more stations have been submitted to the Bombay Port Trust, owing to the increased fire protection required in the Dock Area. Babula Tank Fire Station was closed down and the staff and appliances were transferred to different fire stations. No new Fire Appliances were purchased during the year.

Number of Fires and Estimated Loss.

The total number of calls received by the Fire Brigade during the year was 895 as against 779 in the preceding year. The estimated total loss to properties destroyed by fires amounted to Rs. 51,86,682 which shows an increase of Rs. 15,11,676 over the preceding year and Rs. 13,95,397 over the average of the last three years. The increase was chiefly due to a serious fire in a Mill Estate at Kalachowki Road, which alone was responsible for the loss of about 25,25,000. Out of the total loss Rs. 39,57,349 was covered by insurance and the total value of the properties involved was approximately Rs. 8,75,72,486. The total distance run by Fire Appliances in responding to fire calls was 10,387 miles. The foregoing statistics do not take into account the losses caused by the explosions and resultant fires in April 1944.

Number of Fire Alarms.

The total number of Fire Alarm Posts including Private Alarms in the City was 202 as against 198 in the preceding year. Of the total calls, 53 per cent were received through this system.

Auxiliary Fire Service.

The personnel of 279 officers and other ranks with 29 Trailer Pumps and 19 towing vehicles maintained at the cost of Government were continued during the year, while the Bombay Port Trust Auxiliary Fire Service personnel was increased from 324 officers and other ranks to 720, and trailer pumps and towing vehicles from 24 and 12 to 45 and 32 respectively, and 2 Fire Floats have also been provided by the Trustees.

General.

Several fire appliances and other equipment were either destroyed or damaged and 66 Officers and other ranks were killed in the explosions which occurred in Victoria Docks in April 1944. The total loss caused by the explosions and fires on that occasion is roughly estimated at Rs. 15 Crores. The loss sustained by the Fire Brigade and payments on account of pensions, gratuities, etc., were partly compensated for by Government.

Ambulances.

The number of ambulances in the charge of the Fire Brigade Department continued to be six, which responded to 1,475 accident calls, 1,636 Maternity calls and 4,227 Hire calls as against 1,491, 1,640 and 3,123 respectively in the previous year. The ambulances conveyed 8,243 persons and covered a distance of 55,096 miles as against 6,343 persons and

44,804 miles in the previous year. The fees on account of hire charges recovered was Rs. 21,523 as against Rs. 11,284 in the previous year. First Aid was rendered by the Ambulance Staff on 426 occasions as against 364 in the previous year.

X.—PUBLIC GARDENS.

Public Gardens.

18 Gardens, 51 Recreation Grounds and Open Spaces, 4 Fountains, 2 Bandstands, 7 Traffic Islands, 3 Hedges and the Queen's Statue were maintained during the year. Directed Games conducted by the Y.M.C.A. at Mustan Tank, Gilder Tank and the Willingdon Memorial Playgrounds and by the Nagapda Neighbourhood House at 2nd Peerkhan Street were well patronized.

Victoria Gardens and Zoo.

The number of visitors to the Garden was 26,34,950 during the year against 23,05,144 in 1943-44, which shows an increase of 3,29,806. This gives an average of 7,219 per day bringing the annual average to 24,22,045 for the last five years.

Musical performance.

209 Musical performances for the entertainment of the public were given at different times at 6 places in the City during the year. There were 28 items of Indian music, 32 Bands and 149 Radio-gram programmes against 28, 35 and 159 respectively in the preceding year. The programmes proved to be popular and the attendance at all the places was higher than in the previous year.

The total expenditure incurred on the Gardens Department during the year was Rs. 2,24,376-14-7 while the income amounted to Rs. 16,052-13-6.

XI.—VICTORIA AND ALBERT MUSEUM.

Attendance at the Musenm.

The Museum was kept open for 307 days during the year against 314 days in the previous year. The total number of visitors was 16,36,384 and the daily average attendance 5,330 against 18,36,252 and 5,847 in the previous year. The museum was closed for some days for urgent repairs. An innovation was made by reserving the Museum for ladies and children on every Wednesday from 1st July 1944 onwards. Since then till the end of the year 54,57 ladies and children visited the Museum. Students of Primary and Secondary Schools inthe City who visited the Museum during the year numbered 10,544 against 10,517 during the previous year. Rearrangements of the Ragamala paintings and the collection of prints, etc., in the Old Bombay Room were taken up. Some metal images, paintings, coins and books were purchased for the Museum.

The Museum continued to be popular with Students and adult visitors.

XII.—MUNICIPAL LIBRARIES.

With additional clerical assistance, the Chief Librarian who passed the Diploma course in Librarianship, undertook accessioning work of the old lot of books, taken over from the Secretary Schools Committee on 1st March 1943. Five new Librarians were appointed. Additional furniture, book-cases, etc., were purchased.

893 books in English, Gujarati, Marathi, Hindi and Urdu were purchased. They were accessioned, classified and catalogued and then circulated among the 13 Municipal Free Reading Rooms and Libraries. Additional newspapers were subscribed to for Libraries wherever necessary. Four leading American Magazines were subscribed for circulation among the Libraries.

During the year 1944-45, 3,77,677 persons took advantage of the Libraries, 26,796 books were issued against deposits and 28,953 books were issued on the spot without deposit for reading on the permises.

XIII.—GENERAL STORES

Tenders were invited during the year for the purchase of stores in 77 cases against 138 in the preceding year.

Total purchases effected during the year including articles received on Return Stores Memos from other Municipal Departments amounted to Rs. 18.21 lakhs against Rs. 17.73 lakhs in the preceding year. The increase is due to higher market rates prevailing because of war conditions. The balance of stock in hand on 31st March 1945 was Rs. 9.99 lakhs against Rs. 10.06 lakhs in the preceding year.

The total number of orders placed with the contractors and other dealers was 3,837 against 3,442 in the preceding year. The number of indents inclusive of Sales-memos received from the departments was 20,188 against 19,115 in the preceding year. Most of the articles purchased during the year were of Indian manufacture and the value thereof amounted to Rs. 15.85 lakhs. The value of foreign goods purchased amounted to Rs. 2.36 lakhs.

During the year no dust-bins were sold to house-owners on account of the difficulty of obtaining galvanized iron sheets which are under Government control.

The turn-over of the department, *viz.*, receipts and issues of stores came to Rs. 36.50 lakhs against Rs. 33.12 lakhs in the preceding year.

The stock of stores was verified but no case of any appreciable difference in stock was noticed.

During the year, the abnormal conditions created by the war reacted very sharply on the department. The annual tenders for the year 1945-46 invited in the months of January and February

1945 carried rates considerably higher than the market rates. A number of tenders had, therefore, to be rejected on the ground of high cost. Apart from the scarcity of materials, the various control orders aggravated the difficulties of the department and increased its work enormously. The department, however, successfully encountered these difficulties and played its role of a major supplying agency to the Municipal departments.

XIV.—LICENCES, SHOPS AND ESTABLISHMENTS

There was an increase of 434 in the total number, *viz.*, 25,263, of licences issued during the year over the number (24,829) issued in the preceding year. The total amount of fees recovered also shows an increase of about 0.35 lakh for the year, being Rs. 2.53 lakhs against 2.49 lakhs in the previous year. The amount of fees outstanding in respect of 96 licences at the end of the year was Rs. 796 against Rs. 328 at the end of the previous year for 45 licences. There was a decrease in the loss of revenue incidental to disuse or demolition of old licensed places, etc., the loss for the year being Rs. 18,259 against Rs. 24,379 in the previous year.

The number of permits issued for advertisement was 2,571 against 2,356 in 1942-43 and 2,470 in 1943-44, and the amount of fees collected from the permits showed a rise of about Rs. 19,876 over the previous year, the amount collected in the year under report being Rs. 1,35,326 as against Rs. 1,15,450 in the previous year.

The total number of hawkers and squatter licences issued during the year, *viz.*, 45,517, showed an increase of 3,854 over the previous year's number (41,663), and the fees realised amounted to Rs. 1.91 lakhs against Rs. 1.86 lakhs in the preceding year. The recovery of expenses for removal of encroachments came to Rs. .30 lakh against Rs. .32 lakh in the previous year.

Out of the total number of prosecutions, *viz.*, 3,563 (2,654 of this year and 909 pending cases of last year) launched by this department against offenders under Sections 328, 328-A, 394 and 412-A of the Municipal Act, 2,961 cases were withdrawn (2,644 on payment grounds); 348 casse were resulted in conviction, the total amount of fine inflicted being Rs. 9,021 ; in 36 cases the parties were acquitted and the remaining 218 cases remained pending during the year under report.

The total revenue of the department was Rs. 5,80,824.

During the year under report, the department undertook on behalf of Government the work of the Quinquennial Cattle census in the City. Preliminary enumeration was started on 3rd January 1945, and the final count was taken on 31st January 1945. Government met the cost of the census which came to Rs. 3,097-12-0.

SHOPS AND ESTABLISHMENTS ACT ADMINISTRATION

During the year 370 fresh complaints were received in connection with the Shops and Establishments Act and the Rules framed thereunder, in addition to 20 that had remained uninvestigated at the close of the preceding year. In all, 381 complaints were investigated and action taken thereon wherever necessary. The total number of mass raids carried out during the year was 123. The number of visits and revisits paid to different establishments was 28,580.

Of the prosecutions launched in the previous year 160 were not disposed of, and up to the close of the year under report 2,538 new prosecutions were launched. Out of 2,698 cases during the period under report, 2,403 were disposed of, 2,361 resulting in conviction, 31 were withdrawn and 11 were acquitted. The total amount of fines inflicted was Rs. 50,689-8-0.

XV.—MARKETS.

Markets Receipts.

The revenue from markets and slaughter houses was Rs. 20.12 lakhs against Rs. 17.65 lakhs in the preceding year, showing an increase of Rs. 2.47 lakhs which was due to the increase in stall-rents, slaughter fees, fair fees, etc.

Municipal Markets.

The number of the Municipal Markets in the year remained the same, *viz.*, 17, and the net receipts from them amounted to Rs. 5.22, lakhs, against Rs. 4.13 lakhs in the preceding year, thus showing an increase of Rs. 1.09 lakhs. The average percentage of vacant stalls per quarter was 10.38 as against 14.86, 21.92 and 25.68 respectively in the preceding three years. Receipts from squatter fees, scale fees and encroachment fees amounted to Rs. 3.43 lakhs as against Rs. 2.99 lakhs in the preceding year.

Private Markets Slaughter Houses and outside Meat shops.

The number of private markets during the year was 22 as in the previous year. The license fee realised in respect of 18 private markets and one private slaughter house was Rs. 2,11,704-2-4 (Rs. 1,87,817 being deposits of previous years in respect of the Byculla Private Vegetable Market) as against Rs. 27,453-5-0 in the previous year for 19 markets, and two slaughter houses. The license fees of 4 private markets, *i.e.*, Dongri, Habib, Dr. Hakim's and Kermani and of the Jhatka Slaughter house are kept in deposit account. The license fees in respect of the Byculla private market amounting to Rs. 1,87,817 were credited to license fee account during the year under report. A sum of Rs. 350 was also received from certain firms dealing

in imported meat and foreign fish. License fee amounting to Rs. 1,215 was received from butchers having stalls in private markets. The number of outside meat shops was 187 against 185 in the previous year and the fees realised in respect of the shops were Rs. 9,541 against Rs. 10,292-5-4 in the preceding year.

Unwholesome Contraband Meat.

The total quantity of unwholesome articles such as meat, fish, fruit, vegetables, etc. including contraband meat seized and destroyed was 6,26,903 lbs.. Of this contraband meat seized and destroyed was 11,671 lbs. against 26,3261/2 lbs. in the previous year. In all 386 seizures were effected and prosections instituted with the result that 384 persons were convicted and fined.

The number of animals slaughetered at Municipal slaughter houses at Bandra was 13,40,598 against 13,23,418 in the preceding year. Of these 79,669 were cows and bullocks, 9375 buffaloes, 12,51,554 sheep and goats against 1,01,132 ; 12,145 ; 12,10,140 respectively in the previous year. The number of pigs and piglings slaughtered at the Arthur Road Pig Slaughter House was 22,117 against 22,710 in the previous year.

Municipal Slaughter Houses.

The amount of fair fees received at the Bandra Slaughter Houses was Rs. 2,57,500 against Rs. 2,36,500 in the previous year. Fees recovered from the Kurla Municipality were Rs. 61,480 against Rs. 65,670 in the previous year. The slaughter and removal fees realised at the Bandra Slaughter House together with the slaughter fee at D'Lisle Road sheep market amounted to Rs. 5,50,756 against Rs. 6,12,340-10-0 in the previous year. Other miscellaneous receipts amounted to Rs. 3.47 lakhs against Rs. 1.35 lakhs in the previous year.

XVI.—K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE.

K. E. M. Hospital.

The number of beds for men, women and children at the Hospital was 325, 145 and 40 respectively, making a total 510 beds against 456 beds in the previous year. The Hospital extension programme could not be proceeded with during the year under report owing to war. The total number of in-patients admitted during the year was 16,745 against 14,804 and 12,782 in the two previous years, respectively. Of the total 17,252 in-patients including 507 of the previous year, 6,418 were cured, 5,943 were discharged as relieved, 2,797 either prematurely left the Hospital or were otherwise discharged and 1,592 died leaving a balance of 502 at the end of the year. The maximum number of in-patients on any single day was 621 and the daily average worked out to 547.3. The average number of days each patient was resident was 10.87 against 10.61 days in the previous year. The average cost per in-patient per day rose to Rs. 4-3-4 against Rs. 3-15-10, Rs. 3-4-8 and Rs. 3-0-2 of the previous three years. Similarly, the average cost per in-patient admission also showed a rise, being Rs. 50-14-11 against Rs. 46-11-10, Rs. 42-6-1 and Rs. 38-0-3 of the preceding three years.

The total number of 1,46,450 new out-patients treated during the year shows a rise of 13,811 over 1,32,639 of the previous year. The corresponding numbers of casualty patients were 27,155 and 29,255 respectively. The total number of out-patient attendance during the year was 4,75,725 against 4,71,136 which gives a daily average of 1542.7 against 1505.59 in the previous year. The highest number of out-patient attendance on any one day was 2,280 against 2,314 in the previous year, while the corresponding figures for new- out-patients on a single day were 653 and 560 respectively. The average cost per out-patient attendance was Rs. 0-7-11 against Rs. 0-7-2 of the previous year and the average cost per out-patient admission rose to Rs. 1-9-6 from Rs. 1-8-5 of the previous year. An amount of Rs. 25,185-9-6 against Rs. 16,658 of the previous year was spent for affording relief to poor patients out of the Poor Box Charity Fund by way of expensive drugs, injections, blood transfusions, etc. The amount is not taken into account while working out the above averages.

The total number of operations on in-patients and out-patients performed during the year was 5,606 and 11,899 respectively, against 5.960 and 12,067 in the previous year.

The total number of Municipal School children treated in the different departments of the Hospital was 8,799 against 11,535 in the previous year. 6 Children were tereated as in-patients for various disorders. The total cost of the Clinic was Rs. 10,103-3-0 against Rs. 9,015-11-0 of the previous year.

The Poor Box Charity Fund continued to give deserving patients much needed relief which could not ordinarily be given out of the Municipal Fund. The total amount thus spent out of this Fund came to Rs. 33,671-3-6 while contributions during the year by way of collections from out-patients boxes, ward boxes, donations, etc., amounted to Rs. 42,937-6-7.

During the year the number of blood samples collected was 685 against 699 of the previous year. Of these samples 599 were issued for purposes of transfusion.

SETH G. S. MEDICAL COLLEGE.

Admissions.

During the year 86 fresh admissions were made in June 1944. 85 of these students were single and 1 betrothed.

The number of under-graduate students on the College roll at the close of the year was 491 which included 114 lady students and that of post-graduate and research students was 76.

The results of the various examinations for which students were sent up by the College were satisfactory.

Annual cost and Revenue.

The total expenditure on the College, including the expenditure on the Hostels for male and female students came to Rs. 2,62,375 during the year as against Rs. 2,66,386 in 1943-44. The revenue of the College in the form of tuition fees, hostel rent and miscellaneous receipts amounted to Rs 1,35,433 as against Rs. 1,31,367 in 1943-44. The gross cost per student for the year under report came to Rs. 534.4 while the net cost worked out at Rs 258.5 as compared with the corresponding figures of Rs 535 and Rs, 271 respectively for the preceding year. The amount of fees received from the post-graduate students was Rs. 5,745.

Library and Museum.

During the year 210 new books were added to the College Library as against 174 in the preceding year. Of these 15 books were presented to the library by their authors as complimentary copies. The number of books issued to medical students was 19,548 as against 18,700 in the preceding year. 3,489 books and journals were issued to the members of the Teaching Staff of the College and Resident Medical Officers of the K. E. M. Hospital.

25 New wet and dry specimens were added to the Anatomy Museum during the year and 50 old specimens were renewed. The total number of specimens in the Anatomy and Comparative Anatomy section is over 1650.

27 new specimens were added to the Pathology Museum bringing the total number to 1435. The total number of dia-positives exhibited in the museum, numbered 148 at the end of the year.

In the Artist Department 503 photographs of patients, specimens etc., were taken during the year 1944.

Student's Hostels.

The total number of students residing in the Hostels for male and female students was 146 and 28 respectively during the year the number being the same as in the previous year. Accommodation was provided to 16 more women students in the vacant rooms in the new Nurses Home. The total expenditure incurred on both these hostels (exclusive of non-recurring expenditure) was Rs. 12 738 ; the income derived in the form of rent was Rs. 18 342.

The College Gymkhana took part in Inter-Collegiate Gymkhana tournaments during the year.

Research.

The different departments of the College and the Hospital undertook in addition to their normal teaching and other work various problems for investigation and research during the year under report.

Special classes for D. O. and D. O. M. S. were held during the year as in previous years.
Special course in Surgery for M.S. was held during the year.

XVII.—EDUCATION.

(Schools Committee's Department).

Schools Committee's Meetings.

The Committee held in all 79 Meetings during the year. The number of meetings of the various Sub-Committees held during the year was 54.

Municipal Schools and pupils.

The total number of Municipal Schools on 31st March 1945 was 389 and classes 23 as against 386 Schools and 25 classes on 31st March 1944.

During the year under report, the number of pupils in Municipal Schools increased from 1,00,131 to 1,18,646. The increase in the number of pupils was mostly the result of vigorous propaganda work by the Schools Committee, during the latter half of the year.

Teachers in Municipal Schools.

The number of teachers (permanent and non-permanent) on 31st March 1945 was 3383.

Aided Schools and pupils.

The total number of Aided Schools was 204 and the number of pupils therein rose from 40,008 to 42,464. Besides the Aided Schools, there are also other schools which are recognised but do not receive a grant-in-aid from the Schools Committee. The number of such schools was 17 with 3,323 pupils in them on 31st March 1945.

The total number of full-time and part-time teachers in Aided Schools at the end of the year was 1,904 as against 1,821 of the previous year.

The total amount of grants paid during the year was Rs. 2,81,975 as against Rs. 2,12,331 in the previous year.

The total amount of expenditure incurred by the Aided Schools, as shown by them, amounted to Rs. 17,43,959. The average number of pupils on rolls in Aided Schools during the year was 40,874 and on the basis of this number the cost per pupil in these Schools works out to Rs. 42.7 as against

Rs. 40.3 in the previous year. The cost per pupil to the Municipality by way of grant was Rs. 6.9 as against Rs. 5.7 of the previous year.

The number of pupils studying in the Municipal Central Schools, *i.e.*, schools wherein provision has been made for the teaching of Vocational subjects such as Carpentry, Tailoring, Sign-board Painting etc., was 818 as against 705 in the previous year. The number of pupils from Central Schools who appeared for the Carpentry Examinations was 69 ; 23 out of them were successful. In the Tailoring Examinations 26 pupils were successful out of 33 pupils sent up. The Annual Handicraft Exhibition was held towards the end of March 1945 and the sale proceeds of articles disposed of at the Exhibition amounted to Rs. 2,800.

Free and Compulsory Education.

No census of compulsory age children in the City was taken during the year under report. Vigorous Propaganda was however carried out during the second half of the year to bring to schools as many non-attending children as possible. This resulted in bringing about an increase of about 18,000 pupils in the Municipal Schools. The propaganda work was also followed up by measures for stabilising the attendance of the new children brought to schools. Owing to the increased attendance on the one hand and the difficulty of securing additional accommodation on the other hand, the Schools Committee had to take recourse to holding schools by two sessions in different parts of the day.

Income and Expenditure.

The year under report opened with a balance of Rs. 20,000 and the total amount at the disposal of the Committee was Rs. 53,30,124-9-6. The total expenditure for the year excluding the expenditure on the Head Office, which is met from the General Municipal Fund, amounted to Rs. 53,10,124-9-6 leaving a closing balance of Rs. 20,000. The staff of the Schools Committee's Head Office consists mainly of the Secretarial Accounts, Records and Correspondence Branches of the Department.

Government Grant towards Primary Education.

The total amount of grant paid by Government to the Municipality during the year for Primary Education amounted to Rs. 9.62,303.

Average cost per pupil

The average cost per pupil in Municipal Schools calculated on the number of pupils on the rolls on the last day of the year was Rs. 42.2. The figure for the previous year was Rs. 44.5. Calculated on the average number of children on rolls, the figure works out to Rs. 46.7 as against Rs. 47.9 of the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report calculated on the number of pupils on rolls on the last day of the year and on the average number of children on rolls throughout the year come to Rs. 42.9 and Rs. 47.4 respectively. The reduction in the cost per pupil during the year was the direct result of the increase in the number of pupils.

Boy Scouts.

The number of Troops and Packs at the end of the year was 68 and 110 respectively and that of Scouts and cubs 1943 and 3414 respectively.

The Taikalwady Welfare Centre maintained by the Municipal Boy Scouts Association out of the Annual grant of Rs. 900 sanctioned by the Standing Committee, carried on its usual activities including literacy classes for adults, games, Health-propaganda etc.

Girl Scouts.

The total number of Girl Scouts and Bulbuls at the end of the year was 1179 and 3404 respectively, the number of companies and flocks being 46 and 110 respectively.

Teaching of Hindustani n Municipal Schools.

During the year under report, the Schools Committee started on a programme under which Hindustani is to be taught in all Municipal Schools except the Urdu and Hindi Schools—in Std. III and the higher standards. A batch of teachers was trained for the purpose and further steps are being taken for expediting the programme.

School premises used for Milk Centres.

A free use of school premises was allowed during the year for locating a large majority of the Milk Centres started under the Government Subsidized Milk Scheme.

Miscellaneous.

The Stock of books in the Municipal Teachers' Library was replanished by the addition of a large number of new books in all languages, during the year. The work of the Audit Department, the Local Committees and the Co-operative Society was carried on as in the previous year. Valuable services were rendered by the employees of the department and by the Scouts and Guides in the relief work after the Dock Explosion in the beginning of the year.

XVIII.—PUBLIC HEALTH.

General

A number of events affecting public health occurred in the course of the year. People continued to flock to the City with the result that overcrowding continued and the authorities were faced with the problems of food supply and milk, the chief food of children, which letter was made, available for them by introducing the Subsidised Milk Scheme. This scheme was drawn up by the Public Health Department which is also managing the same at the cost of Government. Small-pox assumed epidemic proportions by the middle of

January, but due to the efforts made by the Department to comb out affected areas in order to detect and isolate concealed cases of the disease, and on account of the record number of vaccinations done, the disease was brought under control by the end of April. The terrific explosions in the docks on April 14, was another event, the aftermath of which the Department had to face. Sanitary measures had to be taken in the affected areas and arrangements made for the removal and disposal of the dead bodies of the unfortunate victims. The Department had also to take necessary steps to prevent Malaria that threatened the City with the onset of monsoon providing enormous number of breeding places for mosquitoes in the devastated area, new activity of licensing dogs was undertaken by the Department during the year.

Cases of Enteric fever, which is endemic in the City, were less this year probably due to the large number of inoculations done, as a measure of personal prevention. In spite of the disturbing factors, such as high prices of protective foods, insufficient housing accommodation, the Maternal mortality rate remained constant and the Infant mortality rate also did not show any great variation.

Births.

The number of births registered during the year was 15,025 more than the number of deaths in the City. This excess of births over deaths was equivalent to 10.1 per 1,000 of population calculated on the census population of 1941. The number of births registered during the year was 56,907, being 12,892 more than in 1943 and 20,065 more than the average of the previous 10 years (1934-43). The birth-rate was 38.2 per 1,000 census population as against 29.5 for the year 1943. If this rate is calaculated on the actual population it will come to 24.7 and still remains high as compared with the rate in any previous year. Sex proportion in the births was 105 males to 100 females. The birth-rate 98.7 was highest among the Buddhists, the next highest 66.8 being among the Hindus (Scheduled classes), while the same was lowest among other and unknown castes, *viz.*, 12.1.

Deaths.

The statement below gives at a glance the position as regards deaths and death-rates as well as deaths from Infectious and other diseases during the years 1943 and 1944 and the average figures for the preceding 10 and 5 years:—

	10 years average 1934-43.	5 years average 1939-43.	1943.	1944.
Total deaths ...	30,342	30,013	34,165	41,882
Death-rate (on 1941 Census figures) ...	24.1	22.1	22.9	28.1
Death-rate on actual population in 1944 ...	...	...	...	18.2
Plague ...	4	...	2	...
Cholera ...	...	...	9	...
Small-pox ...	829	688	519	1,391
Influenza ...	61	45	53	37
Respiratory diseases ...	10,537	9,847	11,139	13,990
Tuberculosis ...	1,908	1,838	1,950	2,006
Ratio of deaths among males to that among females.	20 to 30	19 to 27	20 to 27	24 to 34
Percentage of deaths among infants under 5 years of age.	...	...	41.3%	45.3%

There were no deaths from Plague or Cholera during the year under report.

The highest and lowest death-rates according to castes during 1943 and 1944 are given below:—

	1943	1944
Budhists ...	72.4	96.4
Hindus (Scheduled class) ...	51.1	55.9
Anglo-Indians ...	11.8	13.6
Other unknown castes ...	3.6	15.2

Infant Mortality.

Mortality among infants (under one year of age) during the year was 11,552 against 8,690 and the rate per 1,000 live births 203 against 197.3 in 1944. The difficult food situation and high prices of articles of food like, milk, ghee, etc., which are absolutely necessary for the maintenance of health of the mother and infant both before and after confinement, were probably responsible for the increased number of deaths due to immaturity, prematurity, infantile debility, malformation, diarrhoea and enteritis and consequently for the slight increase in the rate of infant mortality over that for the preceding year. If the number of deaths of infants born out side Bombay is excluded from the total number of deaths among infants, theater of infant mortality per 1,000 live births registered would be 150 instead of 203.0.

The position as regards deaths of infants due to different diseases as compared with that in the previous year was as follows :—

	1943	1944
Infant mortality (under 1 year) ...	8690	11552
Infant death-rate per 1000 live births ...	197.4	203.0
Total deaths among infants due to Respiratory Diseases, Infantile Debility and premature birth.	.6983	8995
Percentage to total deaths ...	80.3	77.9
Diarrhoea and Enteritis ...	508	567
Malaria, Ague and Remittent Fevers ...	70	80
Convulsions ...	319	564
Small-pox ...	67	165
Measles ...	61	292

Measures for the prevention of Infant Mortality.

The usual maternity and child-welfare work comprising ante-natal, natal, post-natal, infant and pre-school care both domiciliary and at the clinics connected with the five maternity homes was carried on by the Medical Officers in charge of the Homes with the help of the Health Visitors attached to them. The Health Visitors visit expectant mothers, mothers and children attending the clinics at their homes to see that they follow the advise given to them, go in search of expectant mothers and advise and persuade them to attend the clinics and to avail themselves of the municipal and other maternity homes and hospitals in the City for confinement and other treatment required by them. They also conduct maternity cases at the homes of those who do not avail themselves of these facilities. Medical supervision and health education are the main objectives kept in view with regard to care of mothers during their pregnancy and that of their children after they are born. Extension of these facilties, looking to the needs of the poor class of people residing in the different parts of the City among whom infant mortality is always higher, has always been kept in view. Dharavi, the most outlying and distant part of the City populated by the poor scheduled classes was greatly in need of a maternity and child welfare centre for a long time. The maternity unit proposed to be established at Dharavi could not start work during the year, as the quarters for the Health Visitor and the ayah were not ready. In the absence of these amenities, the Health Visitor continued working independently and visited pre-natal, post-natal, infant and pre-school cases in the area and confined a few cases herself.

The Health Visitors paid 60,997 visits and attended 227 confinements at home. In 5,611 cases personal visits were paid by the Medical Officers in charge of the maternity homes. Relief in the form of food etc., was given to 2 poor women during confinement. The total number of confinements in the 5 maternity homes with a total of 142 beds was 9,795 as against 8,657 during 1943. Out of the total number of births 72.9 per cent. took place in maternity institutions as against 81.1 per cent. during 1943.

Infectious Diseases.

The total number of cases of infectious diseases reported during the year was 7,603 as against 5,706 during 1943. Small-pox, enteric and tuberculosis caused 1,391, 459 and 2,006 deaths as against 519, 567 and 1,950 deaths respectively during the previous year.

Small pox.

Small-pox was prevalent in an epidemic form in the first four months of the year and the number of attacks reported during the year was 3,741 as compared with 1,316 attacks during 1943. In spite of the intensive vaccination campaign carried on by the vaccination staff and the vigorous efforts of the Department in other directions, the disease kept on smouldering throughout the year on account of the continued influx of unprotected people from places outside the City. The fact that, inspite of unfavourable conditions which we had to encounter, the fatality rate was lowest since 1933, shows that our efforts to combat the disease were quite successful. The specific death rate which, though worked out on the census population, is by no means high, would be lowest since 1933, if calculated on the actual population of 23,00,000 for the year. The number of primary vaccinations done during the year was 58,825 as against 46,000 and that of revaccinations 7,59,978 as against 1.90,336 in the previous year.

Typhoid.

While measures for the prevention of typhoid such as conversion of privies into water closets, removal of dust bin sheds, introduction of house-to-house collection of refuse all over the City, covering of open drains and laying of sewers in the unsewered parts of the City remained in abeyance under the prevailing condition and are not likely to be completed till after the end of the war, the number of cases of typhoid reported during the year, though less than the year 1943, was more than that in any year since 1938 and caused a good deal of anxiety. Fortunately, however, with the increased voluntary hospitalisation and the record number of 84,947 inoculations done by the Department the spread of the disease was under control. If calculated on the actual population instead of on the census population, the specific death rate would indeed be the lowest since 1938 when the incidence of typhoid was high.

Leprosy.

In the absence of a Municipal Institution for the isolation and treatment of cases of leprosy, the Acworth Leper Home has been doing this work for the last 54 years. The Home also conducts an out-patient clinic but there existed a

deficiency in the link between the institution where patients are treated and the homes of the patient where they come into contact with their own family members and neighbours. The importance of home-visits from the point of view of Leprosy control is very great. Not only in very few clinics in India is any organised propaganda carried on among the patient and their relatives, but in no clinic did there exist any system of home visits of cases that dropped off after a visit or two to the treatment centres, or contact by cases, who were not inclined to visit the clinic for early diagnosis and treatment. With the appointment of two Health Visitors, one by the Home and the other by the Municipality for this purpose from 1st January 1943, Bombay has broken new ground and the results of the work done by these Health Visitors are encouraging.

Malaria.

Malaria was registered as the cause of 160 deaths against 154 in the preceding year. The total number of cases of malaria treated at the Municipal dispensaries and public hospitals was, 1,115 and 19,297 against 1,678 and 24,167 respectively in the preceding year.

Special anti-malarial measures had to be adopted both in the devastated areas and the docks where conditions favourable to breeding of malaria mosquitoes were created by the large number of collapsed structures, odd receptacles and by big heaps of salvaged materials removed from the area and stocked in Sewree. During the monsoon vigilant watch had to be kept over these places by appointing additional staff. There was no incidence of increased malaria as a result of the action taken.

Venereal Diseases.

The total and daily average attendance at the Bellasis Road Clinic for the treatment of venereal diseases was 1,53,079 and 593.2 as against 1,44,576 and 573.7 in the preceding year. The total attendance at the 7 prophylactic centres conducted at the Municipal dispensaries was 14,073 during the year.

Free Medical Relief.

Free medical relief to out-patients was rendered at the 19 Municipal dispensaries, the number of new cases and the total attendance during the year being 2,20,910 and 7,71,482 as against 2,13,894 and 7,78,427 respectively during the previous year. In addition to these, women and children were treated at 6 municipal dispensaries between 11-30 A.M. and 1-30 P.M. (B.T.), by part-time lady doctors.

Bai Lingubai dispensary at Kamathipura for the treatment of eye diseases had attached to it the Bhoomaya Poshety Ashnol Free Ophthalmic Hospital. New cases treated for eye and ear diseases at the dispensary during the year numbered 9,060 against 7,408 during the previous year. The number of in-patients treated at the hospital during the year was 180 against 167 during the previous year. The total attendance of patients (including subsequent visits) at the dispensary and the hospital during the year was 59,621 (2,769 in-patients and 56,852 out-patients) against 49,660 during the previous year.

Conservancy.

The daily average area in square miles of the roads, footpaths and house-gullies cleaned regularly throughout the year was 268.04, 236.67 and 104.00 respectively. The total refuse collected and removed through municipal agency was 5,62,539 tons as against 4,93,808 tons during the previous year. The total refuse removed through municipal agency and that received through outside agency amounted to 8,14,559 tons as against 6,33,429 tons in the previous year. Out of the total refuse received 4,46,313 tons were transported by rail to Deonar, 3,37,097 tons were used for reclamation in the City, 2,632 tons were burnt in the incinerators and 28,517 tons (stable refuse) were dumped in the manure pits.

During the year, a begining was made to solve the salvage problem. Wooden boxes, broken glass, old gunny bags, paper boxes, empty tins, scrap iron etc., were collected from refuse and disposed of by auction from time to time. The amount realised from such disposal was Rs. 2,878-10-0 during the year.

Halalkhore Service.

The total amount of excrementitious matter removed during the year was 6,00,583 basket loads from privies, 47 gallons of sullage water from soakage pits and 99,93,000 gallons from cesspools. The number of privy blocks in the sewered area was 292 and in unsewered areas 445, the total number of seats being 2,041.

Rat Destruction.

The total number of rats collected and destroyed during the year was 7,65,588 against 6,84,194 in the previous year.

Dog Bites.

The total number of cases of dog-bites treated at the Haffkine Institute was 3,232 against 3,482 in 1943. These bites are not all local ones. Majority of them belong to places outside the City. 7,634 dogs were caught and disposed of during the year and though 11 deaths from rabies were recorded during the year, only 1 can be considered as local.

The Dog Licensing Act was brought into force from April 1944 and during the period from April to December 1944, 10,100 dogs were licensed. A special staff was employed for this work.

In addition to the above activities, the Conservancy Branch carried out miscellaneous work such as catching and impounding stray cattle, removal of dead animals, attendance to calls for infectious diseases ambulances, dead-body vans and hearses, prevention of various types of nuisances,

such as throwing of refuse, pigeon nuisance, monkey nuisance, nuisance from cats, bad smell, etc. Veterinary services are also under this branch, and all activities connected therewith were carried out and supervised.

Prosecutions.

The number of prosecutions instituted by the Health Department under the Municipal Act during the year was 4,494, while the number of cases outstanding at the beginning of the year was 633. Of the total number 5,127 cases 4,233 were disposed of, while 894 remained outstanding at the end of the year. Under the Bombay Prevention of Adulteration Act, 3,226 complaints were filed during the year, while 864 were outstanding at the commencement of the year. Out of the total number of 4,090 complaints 2,874 were disposed of and 1,216 remained outstanding at the close of the year. The total amount of fines inflicted was Rs. 1,000,49-5-0 as against Rs. 67,875-4-0 during the previous year.

School Health Work.

Out of the 256 schools visited by the School Medical Inspectors, 146 were boys' and 110 girls' schools, the number of children examined (including first and subsequent examinations) being 20,557. Out of the total number of 20,557 children examined, 15,525 had various defects and out of the total number of 30,353 defects detected, the percentages of different defects were 23.1 Dental, 20.1 General Debility due to Malnutrition, 17.2 Throat, 17.8 Enlarged lymphatic glands, and a small percentage of Defective Vision, Diseases of eye, ear, lungs, enlarged spleen, heart and circulation and nose. 442 schools were supplied with emergency outfits and 76 spectacles were given to poor children. In view of the majority of the present hired buildings for municipal schools being far from satisfactory in many respects an urgent need is felt for accommodating these schools in buildings specially designed and built for the purpose. The School Clinic at the K. E. M. Hospital, which is the only one of its kind is very inadequate to deal with the number of children requiring treatment and the provision of additional clinics is an urgent necessity. Advantage may, if possible, be taken of public hospitals in the different parts of the City. Since August 1944, the scheme for the free distribution of milk amongst school children has been reintroduced. 4,000 children were supplied milk to drink on the premises.

Welfare Work.

Social welfare work among the Municipal labour staff was carried on by the staff of the Welfare branch organised for the purpose under the Public Health Department. Additional amenities in the form of radio sets, were provided at welfare centres. Arrangements were made at two centres to give instruction to mothers in mother craft by two Health Visitors. The candidates were examined after the completion of the course and granted certificates to those who passed the examination. One more centre was opened during the year at Chembur for the workers. The special feature of this centre is the small maternity unit povided under a qualified Health Visitor.

Health Propaganda and Education.

The branch started work from 6th Novebmer 1942 and is now in possession of one mobile cinema van, posters, 12 magic lanterns, I Camera, 120 sets of different lantern slides on twenty subjects and a film called "Community Manners". Important activities carried on by the branch are arranging health education meetings, organising health exhibitions, press publicity by contributing health notes, contribution of articles on health to periodicals, and showing of films and lantern slides on matters of health with the help of the Medical Inspectors of the Department. Films are obtained on loan or given free by the United States Office of War Information and Information Films of India pending the production of new films by and for the Municipality.

XIX.—MUNICIPAL PRINTING PRESS.

During the year under report, the difficulty of securing papers was obviated by Government increasing the allotment of paper to the Press. But in addition to the normal requirements of paper, ahe Press had to supply forms and registers for the use of the Government Subsidized Milk Scheme and also for the use of the Officer-in-charge of Relief Centres. This resulted in an increase in the consumption of paper from 31 to 40½ tons.

The cost of Labour was increased by about 20 per cent. partly due to increase in the Dearness Allowance and partly due to the workers being given a higher fixed salary and made amenable to leave rules. The working of the Profit and Loss Account showed a surplus of Rs. 2,513 on a total turnover of Rs. 2.18 lakhs. The Labour staff on 28th February 1945 consisted of 120 workers as against 101 in the previous year.

The Literacy class for teaching English by Basic Method to the Press workers started in the previous year was continued during the current year and showed good progress. A Library for the Press employees was started during the year under report out of an additional grant of Rs. 525 from the Fines Fund sanctioned by the Corporation. It is being run by the workers on a voluntary basis and is functioning well.

XX.—LEGAL DEPARTMENT.

During the year under report numerous opinions in various departmental matters and advices on 162 documents were given.

Forty-seven High Court suits, 1 Hight Court Civil Appeal, 3 Revision Applications, 46 Small Causes Court suits, 26 Police Court cases and 51 Assessment Appeals were attended to.

Fifty-six Conveyances, 11 Agreements, 16 Declarations, 15 Indemnities, 48 Temporary Agreements, 117 Leases, 23 Surrenders of Leases, 65 Licenses to Assign and 16 other documents were completed.

The staff was further strengthened by one Junior Legal Assistant, one Managing clerk, one General clerk, one Typist and one peon.

XXI.—MUNICIPAL SERVANTS' ACT.

No circumstances arose in any department of the Municipality in which it was necessary to invoke the provisions of the Municipal Servants' Act.

U. M. MIRCHANDANI,
Municipal Commissioner.

XX.—LEGAL DEPARTMENT.

[illegible] opinions in various departmental matters [illegible] documents [illegible].

[illegible] High Court [illegible], 1 High Court Civil Appeal, 2 [illegible] Appeals [illegible] and [illegible] Assessment Appeals were [illegible].

[illegible] 11 Agreements, 15 [illegible], 15 Indemnities, [illegible] Acts, [illegible] Licences to [illegible] and 16 other documents were [illegible].

[illegible] by one Junior Legal Assistant, one Managing [illegible] clerk and [illegible].

XXI.—MUNICIPAL SERVANTS' ACT.

[illegible] department of the Municipality in which it was necessary to invoke the provisions of the Municipal Servants' Act.

L. M. MIRCHANDANI,
Municipal Commissioner.

FINANCIAL

No. A. E. / 5992 S. R of 7th August 1945.

Report from the Chief Accountant on the accounts of the Municipality and the Improvement Schemes for the year 1944-45 :—

The following statement summarises the transactions for the year pertaining to Revenue, and the actuals for the preceding year :—

	1944-45.			Actuals for 1943-44.
	Budget.	Revised.	Actuals.	
	Rs.	Rs.	Rs.	Rs.
Opening Balance	36,59,000	64,00,773	64,00,773	45,86,447
Income	3,93,76,117	4,16,48,189	4,29,77,616	4,03,98,533
Expenditure	4,16,45,565	4,22,16,754	4,12,95,287	3,90,96,449
	22,69,448 (Deficit)	5,68,565 (Deficit)	16,82,329 (Surplus)	13,02,084 (Surplus)
Balance	13,89,552	58,32,208	80,83,102	58,88,531
Recoupment of Advances, etc. ...	...	−1,31,208	−11,75,338	+5,12,242
Closing Balance	13,89,552	57,01,000	69,07,764	64,00,773

2. The details of the recoupment of Advances, etc., are :—

	Rs.	Rs.
Increase in :—		
Renewed Grants (including contribution towards Improvement Schemes)	8,86,580	
Reserve Stores (including Capital Stores) Balances	1,96,289	
Miscellaneous Advances outstanding	1,60,783	
		12,43,652
Deduct—		
Decrease in :—		
Advances for Plant and Machinery	31,193	
Advances—Measures for Civil Defence	37,121	
		68,314
		11,75,338

3. The net unhypothecated Surplus Cash Balance on 31st March 1945 was as under :—

Liabilities.	Rs.	Assets.	Rs.
Reserve Stock including Capital Stores ...	12,79,525	Surplus Revenue Fund as per Appendix No. 2	1,05,26,468
Advance for Plant and Machinery ...	20,36,033		
Miscellaneous Advances	3,03,146		
Minimum required by Law	1,00,000		
Surplus Cash Balance	68,07,764		
Total ...	1,05,26,468	Total ...	1,05,26,468

4. The opening and closing Reserve Stores (including Capital Stores) Balances for the year 1944-45 are compared below :—

	Opening Balance.	Closing Balance.	Increase.
	Rs.	Rs.	Rs.
Serviceable Stores	10,83,236	12,79,525	1,96,289

5. The Loan liabilities at the beginning and at the end of the year were as under :—

Outstanding debt on 1st April 1944.	Loan raised during the year.	Repayment during the year.	Outstanding debt on 31st March 1945.
Rs.	Rs.	Rs.	Rs.
14,06,86,931	16,28,109	43,96,691	13,79,18,349

The details of the Loans raised are as below :—

(1) Rs. 10,00,000 Being the loan for 1943 of Rs. 20 lakhs at 3½ per cent. interest with a currency of 30 years, sanctioned under Corporation Resolution No. 859, dated the 10th January 1944.

(2) Rs. 5,00,000 Being the loan for 1944-45of Rs. 22 lakhs at 3½ per cent. interest with a currency of 30 years, sanctioned under Corporation Resolution No. 1000, dated the 29th January 1945.

(3) Rs. 89,537 Being advance from the Net Premia Fund for purchase of Plant and Machinery repayable by annual equated instalments based on the average life of the Machinery at 3 per cent. interest per annum.

(4) Rs. 38,572 Being advance from the Net Premia Fund for the Renewal of Road Surfaces for which no provision exist in the Renewal Fund repayable in 15 years based on the life of the surface as sanctioned under Corporation Resolution No. 21 dated the 13th April 1939.

Total Rs. 16,28,109

The amount of 15 lakhs under (1) & (2) above was raised by reserving the amount for investment of the Municipal Sinking and Special Funds.

The payments during the year were as under :—

(1) Rs. 40,08,811 Repaid to Government on the basis of equated payments from revenue in respect of advances taken from them.

(2) Rs. 4,000 Repaid to Debenture Holders out of Sinking Fund investment.

(3) Rs. 3,83,880 Repaid Rs. 1,54,730 to different Special Funds out of Revenue on the basis of equated payments, and Rs. 2,29,150 being the amount repaid to Land Sales Reserve Fund from loan balances, in respect of advances from the Funds for Capital Works.

Rs. 43,96,691

The state of the Sinking Fund is shown below :—

Amount of Fund on 1st April 1944.	Interest, etc. realisations.	Sinking Fund Instalments.	Total.	Withdrawn for repayment of loans.	Amount of the Fund on 31st March 1945.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3,32,83,833	13,91,112	18,57,982	3,65,32,927	4,000	3,65,28,927

The value of securities held in the Sinking Fund Account on the basis of market rates prevailing on 31st March 1945 including accrued interest and cash exceeded the actuarial amount of the Sinking Fund by Rs. 24,39,838 which is held in the Sinking Fund Account. The proposal for utilising the surplus accumulations in the Sinking Fund for general Municipal purposes has been finally approved by the Corporation under their Resolution No. 958, dated the 31st January 1944 and a draft Bill for amending the Municipal Act for the purpose has been submitted to Government.

INCOME.

6. A detailed comparison between the Budget Estimates and the Actuals will be found in Appendix No. 3. The estimated income for the year was Rs. 3,93,76,117 against which the actuals amounted to Rs. 4,29,77,616 resulting in an increase of Rs. 36,01,499.

The following are the main heads contributing to the increases and decreases :—

Budget Head.	Amount of Increase.	Amount of Decrease.	REMARKS.
	Rs.	Rs	
(1) *General Tax. Indirect Taxation, etc.*—			
A.—General Tax	6,91,269		The increase aggregated to Rs. 7,91,002 was due to increase in General Tax from (1) Public, Rs 4 65,336 due partly to the revision of the rateable value of several owner occupied properties in the City and partly to new structures er cted or likely to be erected by h Central Government for defence purposes on lands leased from private parties, (3) Port Trust Rs. 9 (4) Improvement Scheme Properties, Rs. 1,00,638, (5) Mills, Rs.2,24,866 due to revision in rateable value and (7) B. B. & C. I. Railway, Rs. 153 counterbalanced by decrease of Rs. 99,733 due to decrease in General Tax from (2) Government, Rs. 99,691 and (6) G. I. P. Railway, Rs. 42.
B.—Town Duties	6,40,054		This is made up of a decrease of Rs. 2,52,405 in the amount of refunds paid during the year and by an increase of Rs. 3,87,649 in Town Duty collections due to dutiable articles having been imported in larger quantities into the City.
D.—Grant-in-aid in respect of fines for offences against the law.	26,329		Due to more receipts on account of fines recovered through Government than anticipated.
E.—Interest and profit on investment of Surplus Loan and other balances.	1,02,015		Due to larger balances being available for investment and better average rate of interets obtained than anticipated at the beginning of the year.
(2) Water Works	6,06,728		The increases are made up of increased receipts of Rs. 72,384 under Water Tax on rateable value, Rs. 5 89,340 under Water by Meter Measurement, Rs. 3,492 under Rent of Buildings, etc., and Rs. 11,531 under Miscellaneous receipts, counterbalanced by decreases of Rs. 10,264 under Rent of water meters and of Rs. 59,755 under Compounded tax. Increased receipts mainly under water by meter measurements due to increase partly on account of increase in the consumption and partly due to increase in the rate for water supply to the Port Trust and Cotton and other mills from annas 14 to Rs 1-2-0 per 1,000 gallons and to the Race Course from Re. 1 to 1-4-0 per 1,000 gallons.
(5) Public Health Department ...	88,704		The increase is made up of increased receipts from— (1) Miscellaneous Receipts ... ... Rs. 47,625 (2) Miscellaneous fees ... ... 10,956 (3) Rent of Buildings ... ... 1,488 (4) Tax on Dogs ... ... 29,230 Total 89,299 counterbalanced by a decrease of Rs. 95 under sale of rights and of Rs. 500 under Grant-in-aid from Government for the duty free supply of spirituous Medical Preparations for the use of Hospitals and Dispensaries. The increase under Miscellaneous Receipts is due to recovery of supervision charges and leave and provident fund contribution in respect of employees engaged on Government Subsidised Milk Scheme under which the Municipality has undertaken the work of distributing milk at concessional rate at Government cost and under Tax on Dogs due to the scheme of licensing of dogs brought into effect from 1st April 1944.

Budget Head.	Amount of Increase.	Amount of Decrease.	REMARKS.
	Rs.	Rs.	
(6) Medical Relief and Education ...	96,335		Due to increased receipts mainly under B.—Miscellaneous Rs. 84,879 mainly due to compensation for occupation of the Ramesh Premchand Tuberculosis Hospital by the Royal Indian Navy for the purpose of Hospital, C.—Receipts from G. S. M. College, Rs. 5,465, D.—Receipts from K. E. M. Hospital, Rs. 4,299 and E.—Interest realised on Hospital Fund (for venereal ward at K. E. M. Hospital).
(7) *Street Cleansing etc.*— A.—Halalkhore Tax	2,92,628		This is made up of increase of Rs. 2,89,702 under (1) on Rateable value and of Rs. 2,926 under (2) for special service.
B.—Miscellaneous	65,970		This is due to increased receipts under (1) sale of rights Rs. 52,468 (2) Miscellaneous Receipts, Rs.4,721, (3) Miscellaneous Fees Rs. 6,775 and (4) Rent of Buildings, etc., Rs. 2,006.
(8) *Roads, Drains and Sewers*— A.—Wheel Tax, etc.	3,83,787		Increase is due to more receipts than anticipated under (1) private conveyance , Rs. 3,68,122 and of Rs. 15,665 under (2) public conveyances. The increased receipts under this head are the result of a mere systematic handling of hand carts, bullock carts and motor vehicles which have hitherto escaped the Tax.
B.—Ground Ren	8,158		The increase of Rs. 8343 is under (3) From Private parties counterbalanced by decrease of Rs. 185 under Other heads.
C.—Miscellaneous	8,537		The increase is mainly under (1) Miscellaneous receipts, Rs. 9,453, (2) Miscellaneous fees Rs. 1,614 counterbalanced by decrease of Rs. 2,530 in receipts under Rent of Buildings and Lands.
(9) *Mechanical*— Miscellaneous receipts	9,898		Due to more receipts than anticipated.
(10) Buildings, Land Acquisition and Management.	72,827		This is made up of increased revenue as under :— B.—Rent of Buildings ... ... Rs. 1,819 C.—Ground Rent ... ... 52,440 D.—Miscellaneous— (1) Sale of rights and Miscellaneous receipts. 7,868 (2) Miscellaneous fees ... ... 10,700 The increase under ground rent represents the share of the incresased receipts for the land at Mahalaxmi Road Overbridge forming part of the Race Course on the renewal of the lease with the Royal Western India Turf Club, Ltd. for a period of 30 years at enhanced rent.
(11) Fire Brigade	46,594		The main items that contributed to the increase are :— A.—Fire Tax, (1) From Public Rs. 20,559, (4) Improvement Schemes Properties Rs. 4,588, and (5) Mills, Rs. 12,891 and B.—Miscellaneous—Miscellaneous Receipts, Rs.8,511
(12) Licensing and Removal of Encroachments on Public Street	71,074		The increases are made up of increased revenue under Rs. A.—Licenses for dangerous and offensive trades ... 36,263 B.—Removal of encroachmensts on Public Streets—Liceneses for squatters and hawkers and fees for removal of encroachments ... ... 26,112 D.—Miscallensous— (1) Miscallensous Receipts ... 639 (2) Advertisements ... ... 35,560 36,199 98,574 partly set off by decrease of Rs. 27,500 under (c) Grant-in-aid from Government for the Administration of Shops and Establishments Act of 1939.
(13) Gardens and Open Spaces ...	6,227		This is made up of increase of Rs. 908 under (1) Miscellaneous Receipts and of Rs. 5,319 under (2) Rent of Buildings and Lands.
(14) Markets and Slaughter Houses ...	4,24,132		Increased receipts recorded mainly under (1) Stall Rents Rs. 59,111, (2) Squatter Fees Rs. 58,853, (3) Fair ground and feeding fees Rs. 57,500, (5) Miscellaneous Receipts Rs. 2,20,975, (6) Rent of buildings, etc., Rs. 3,571 and (7) Cold Storage Rent Rs. 40,614 due to heavy demand, counterbalanced by a decrease of Rs. 16,492 under Slaughter Fees due to difficulties in the way of cattle import and restriction on slaughter
15) Contribution from Capital Funds to Revenue on account of Loan Works staff.	22,524		Due to less expenditure on Loan Works than the budgetted expenditure.
(16) *Extraordinary Receipts*— (a) Interest on Net Premia Fund and excess interest on Sinking Fund.		19,364	Decrease due to less realisation of interest.
(17) Rebate from Government on account of Collection of U.I.P. Tax in the City.	8,460		Due to larger receipts from Government.
(18) Excess accumulations in the Plant and Machinery Depreciation Fund.		43,534	Being the amount transferred to Advances Plant and Machinery as the cost of the rollers was originally met from that source,

7. The position as regards our income from General Tax, Water Tax and Halalkhore Tax will be seen from the sub-joined statement:—

	1944-45.	1943-44.	Increase.
	Rs.	Rs	Rs.
1.—General Tax (including Fire Tax) at 11½ per cent. :— Total collections booked	1,66,68,552	1,60,48,410	
Deduct— Recoveries for previous years	7,29,708	7,12,477	
	1,59,38,844	1,53,35,933	
Add— Outstandings for the year at the close of the year	12,96,063	9,37,230	
Total ...	1,72,34,907	1,62,73,163	
2.—Water Tax at 3¾ per cent. and water charges by measurement and at compounded rate :— Total collections booked	1,08,96,949	99,16,861	
Deduct— Recoveries for previous years	7,21,515	4,75,304	
	1,01,75,434	94,41,557	
Add— Outstandings for the year at the close of the year	8,60,397	7,04,684	
Total ...	1,10,35,831	1,01,46,241	
3.—Halalkhore Tax at 3 per cent. and for special service :— Total collections booked	43,02,628	41,21,425	
Deduct— Recoveries for previous years	2,58,645	2,37,633	
	40,43,983	38,83,792	
Add— Outstandings for the year at the close of the year	3,51,577	2,98,585	
Total ...	43,95,560	41,82,377	
Net demand on account of Property Taxes inclusive of refunds ...	3,26,66,298	3,06,01,781	20,64,517

TOWN DUTIES.

8. The various articles on which duty was levied at the time of import under the provisions of Section 192(1) of the Municipal Act, the amount levied and refunds allowed thereon under Section 195 on their export are shown in Appendix No. 17.

The gross collections for the year were estimated at Rs. 20,25,000, the refunds and commission charges at Rs. 7,25,000 and the net revenue at Rs. 13,00,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 24,12,649 and after deducting the amount of Rs. 4,72,595 on account of refunds, the net receipts amounted to Rs. 19,40,054 showing an increase of Rs. 3,22,392 as compared with the actuals of the previous year. The refunds during the previous year amounted to Rs. 3,89,324. The increases on account of refunds were due to more export of grain and sugar due to war.

SALE PROCEEDS OF LAND.

9. The balance to the credit of the Land Sales Reserve Fund at the beginning of the year was Rs. 24,15,098. The interest realized on this fund during the year amounted to Rs. 73,387. The total investments in the Fund thus amounted to Rs. 24,88,485. During the year the sale proceeds of surplus land amounted to Rs. 5,07,365 which fell short of the amount of Rs. 10 lakhs to be credited to revenue on this account by Rs. 4,92,635. This amount was therefore transferred from Land Sales Reserve Fund to Revenue by transfer of investments amounting to Rs. 2,63,485 and by recoupment of Rs. 2,29,150 out of the amount advanced for financing the Capital expenditure to make good the deficit in the amount of sale proceeds of land to be credited to Revenue as sanctioned under Corporation Resolution No. 705, dated the 19th December 1935. The balance in the Land Sales Reserve Fund on 31st March 1945 is thus Rs. 19,95,850 which has been advanced for meeting expenditure on Capital Works as shown in Appendix No. 6. The area of surplus Municipal land available for sale at the end of the year was about 61,089 square yards (excluding the areas for which there are no enquiries) of the approximate value of Rs. 6,83,435.

REVENUE EXPENDITURE.

10. The final sanctioned grants amounted in the aggregate to Rs. 4,47,26,303 as follows :—

	Rs.
Budget Grants	4,17,34,365
Unexpended Grants for previous years renewed for expenditure	10,69,049
Additional Grants	19,22,889
Final sanctioned grants ...	4,47,26,303

The transfers from one Budget head to another without affecting the total Budget provision for the year amounted to Rs. 11,01,248.

11. The total unexpended grants estimated to be renewed in 1945-46 aggregate to Rs. 18,13,000 against Rs. 10,77,000 in 1944-45 and the heads under which the renewals are required will be found in Appendix No. 4.

The nature of expenditure to be booked on this account may be classified as under :—

	Rs.
(1) Repairs including Special Repairs	3,91,310
(2) Stores and Materials	60,329
(3) New Works	1,54,952
(4) Law Charges, General	9,345
(5) Payment to Schools Committee	1,74,220
(6) Dearness Allowance	21,943
(7) Civil Defence Measures	36,526
(8) Miscellaneous other charges	6,72,959
(9) Interest on Municipal Loans	2,22,616
(10) Grants-in-aid to Public Institutions	68,800
Total ...	18,13,000

12. The final sanctioned grants for the year aggregated to Rs. 4,47,26,303 against which the actuals amounted to Rs. 4,12,95,287 leaving an unexpended balance of Rs. 34,31,016 at the close of the year. Of this Rs. 18,13,000 are being renewed for expenditure during 1945-46, the balance, *viz.*, Rs. 16,18,016 being treated as savings on final grants sanctioned as detailed in Appendix No. 4.

The main factors contributing to the decreases of Rs. 5,000 and over are as follows:—

Budget Head.	Amount.	REMARKS.
	Rs.	
I.—General Supervision, Collection of Revenue, etc.—		
B.—Collection of Revenue—		
(*b*) Town Duty Refund Branch ...	19,238	Due to decreases mainly under Establishment, Rs. 11,706, Contingencies (sealing of tins, etc.), Rs. 6,982.
C.—Upkeep of Municipal Head Office ...	7,130	Out of this Rs. 5,040 represent unspent balance of previous years to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance. The balance of Rs. 2,090 includes savings of Rs. 1,371 under Repairs and renewals and of Rs. 719 under other items.
E.—Miscellaneous	8,487	Out of this Rs. 1,330 represent unspent balance of previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining is mainly due to savings under following heads:— Rs. Establishment ... 2,130 Repairs and Taxes (Properties) ... 5,008 and other items 19
F.—Election Expenses	57,235	Decrease is due to general elections not being held this year as the present term of the Corporation has been extended by 2 years *i.e.*, upto 31st March 1947.
II.—Water Works—		
A.—Establishment and Labour	10,068	Decrease is mainly under Establishment Rs. 3619 and labour Rs. 6343.
B.—Repairs and Maintenance	42,461	Out of this Rs. 10,199 represent unspent balance of the previous year to be renewed during 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining is due to savings under following heads:— (1) Materials for general works in Bombay ... 11,586 (2) Materials for general works outside Bombay ... 2,763 (3) Repairs and painting to Water Works Buildings in Bombay ... ... 2,058 (4) Repairs and painting to Water Works Buildings in outside City Divisions ... ... 683 (5) Repairs to Roads over trenches ... ... 1,293 (6) Cartage and Transport of materials ... 732 (7) Maintenance of motor trolleys ... ... 579 (8) Repainting the new 72" and 57" Tansa mains ... 1,921 (9) Providing 30" Electric operation S.V. at Malabar Hill Reservoir ... ... 7,883 (10) Other items 2,764
D.—Miscellaneous	29,074	Decrease is mainly due under Rent Rs. 792, Tools and Plant Rs. 1,353, Maintenance of Pumps Rs. 2,321, Printing and Stationery Rs. 2,013, Contingencies Rs. 5,667, Maintenance of reservoirs Rs. 1,438 and Chlorinating Bombay Water Supply Rs. 15,052.
Proportion of General Supervision and Collection of Revenue.	12,489	This follows the decrease in Establishment and other charges.
New Works	7,438	Out of this Rs. 7,384 represent the unspent balance of the previous year to be renewed in 1945-46 by obtaining additinal grant from Surplus Cash Balance and the balance of Rs. 54 represents savings.
Debt Charges	36,872	Due to new loans for 1943-44 and 1944-45 not being raised on dates as originally proposed owing to decrease in the Loan Works Expenditure.
III.—Education—Primary—		
Municipal Institutions	92,860	Due to less contribution required to be made to the Schools Committee.
V.—Public Health Department—		
A.—General Supervision	26,553	The decrease is mainly due under Establishment Rs. 19,656, Printing and Stationery Rs. 739, Contingencies Rs. 404, Repairs to Buildings Rs. 712, Disinfection Rs. 1,245, Rat destruction Rs. 1,838 and Miscellaneous—Purchase of milk and food samples Rs. 1,356.
D.—Malaria	13,113	Decrease is mainly due under Establishment Rs. 5,344, Contingencies Rs. 737, Medicines Rs. 3,054, Disinfectants Rs. 2,649.
E.—Miscellaneous—		
(*b*) Laboratory	5,518	Decrease mainly due on Establishment Rs. 1,237 Maintenance Rs. 1,081 and initial equipment Rs. 2,600.
H.—Supply of milk to the under-nourished needy children attending Municipal Schools ...	15,445	Due to the scheme being started in the middle of the year instead of at the beginning.
New Works	5,096	Out of this Rs. 649 represent unspent balance of the previous year to be renewed during 1945-46 by obtaining additional grant from Surplus Cash Balance. Rs. 2,701 on (1) concreting the existing privies etc., at Haines Road Hindu Cemetery, Rs. 967 on (2) constructing roadway and pathway at Haffkine Institute, Parel, and the remaining balance is made up of small savings on other works.

Budget Head.	Amount.	Remarks.
	Rs.	
VI.—Medical Relief and Education—		
A.—Hospitals and Maternity Homes		
(a) K. E. M. Hospital	55,380	Out of this Rs. 6,549 represent unspent balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining decrease is mainly due to savings under following heads:— Establishment ... ... Rs. 11,554; Medicines and Instruments ... ... 20,865; Stores ... ... 3,045; Contingencies ... ... 1,479; Repairs and Maintenance ... ... 8 831; Printing and Stationery 1,705
(b) Infectious Diseases Hospitals ...	26,429	Decrease is mainly under:— (Arthur Road Hospital. Rs. / Maratha Hospital. Rs.) Establishment ... ... 4 088 / 1,625; Contingencies ... ... 1,372 / 726; Repairs and Maintenance ... 4,509 / 478; Epidemics ... ... 11,780 / ...
(c) Maternity Homes	12,965	Due to savings mainly on Establishment Rs. 1,236, Medicines Rs. 3,735, Diets Rs. 2,439, Contingencies Rs. 1,455 and Repairs and Maintenance Rs. 2,874.
(d) Turner Sanatorium	5,714	Due to mainly under Establishment Rs. 1,041, Contingencies, Rs. 797 and Repairs and Maintenance Rs. 3,805 and small savings on other items.
B.—Dispensaries—		
(a) Dispensaries for out-patients ...	7,027	Decrease mainly under Establishment Rs. 1,817, Medicines Rs. 3,302, Repairs Rs. 351 and diets for patients at Eye Hospital Rs. 327.
D.—Gordhandas Sunderdas Medical College ...	13,189	Out of this Rs. 2,244 represent the unspent balances of the previous years to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining under following heads:— Establishment ... ... Rs. 3,680; Stores and Apparatus ... ... 3,762; Contingencies ... ... 739; Repairs and Maintenance ... ... 1,072; Printing and Stationery 853
New Works	22,197	Out of this Rs. 15,777 represent balances of previous years to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and remaining mainly under Providing animal houses for dogs etc., at G. S. M. College Rs. 4,353 and construction of a store-room at G. S. M. College Rs. 1,498.
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		
A.—Street Cleansing and Conservancy—		
(a) Superintendence and Inspection ...	5,311	Decrease is mainly under Establishment Rs. 4,493 and Printing and Stationery Rs. 740.
(c) Street Cleansing and Sanitation— (a) Scavengering	20,210	Due to decrease mainly under Establishment Rs. 11,197, Stores Rs. 4,238, Clothing Rs. 3,126 and lighting Rs. 963.
(e) Removal of Town Refuse to Tardeo for transport to Deonar— (1) Bullock Traction	29,894	Decrease is mainly under Establishment Rs. 1,909, Purchase of live stock Rs. 12,520, Running Expenses Rs. 9,859 and Repairs and Maintenance to carts Rs. 5,122.
(3) Loading siding	5,956	Decrease mainly under Maintenance and Repairs Rs. 4,605 and balance is made up of small savings in other items.
B.—Transport of Refuse, etc., to Deonar ...	7,123	Decrease mainly under labour Rs. 2,652, Stores etc., Rs. 2,132, Transport Rs 620 and unspent balance of Rs. 900 pertaining to previous year to be renewed in 1945-46 by obtaining additional grants from Surplus Cash Balance.
D.—Halalkhore Service—		
(a) Cleansing and Sanitation	9,096	Decrease mainly under labour Rs. 4,966, Stores etc., Rs. 693, Clothing Rs. 1,427 and Lighting Rs. 1,600.
(b) Bullock Traction	14,587	Due to decrease under Establishment Rs. 1,765 Running expenses Rs. 996, Repairs and Maintenance to carts Rs. 4,226 and purchase of live stock Rs. 7,400.
(c) Miscellaneous	28,428	Out of this Rs. 14,446 represent balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining balance mainly due under:— Latrines and Urinals ... ... Rs. 4,540; Buildings and Structures— Repairs and Maintenance 8,929
New Works	7,498	Out of this Rs. 4,722 representing unspent balances of the previous year required to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and main decreases on the following works:— (1) Improvement in public conveniences at Dr. Vigas Street ... ... Rs. 690; (2) Providing R. C. C. walls, etc., for urinals at DeLisle Road footpath 1,633

Budget Head.	Amount.	Remarks.
	Rs	
VIII.—Roads, Drains and Sewers—		
A.—General	16,067	Out of this Rs. 3,014 represent unexpended balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining decreases mainly under General Supervising Establishment Rs. 13,088, Drawing and Surveying materials Rs. 1,058 and Contingencies Rs. 1,329.
B.—Maintenance of Roads	81,833	The decreases are mainly under Establishment Rs. 14,695, Repairs and Maintenance Rs. 38,429, Improvement of Katcha foot-path Rs. 1,309, Extra-ordinary Repairs Rs. 1,645, Miscellaneous Rs. 3,846, Repairs to Capital Roads Rs. 3,930, Tools and Plants Rs. 1,144, Repairs and Maintenance Rs. 1,618 and on Street Improvements (metalling Roads acquired by set-back) Rs. 11,422.
C.—Public Lighting	1,65,976	This is mainly due under Establishment Rs. 3,384, Gas and Electric Lighting Rs. 1,53,731, Oil Lighting Rs. 8,724.
D.—Cleansing of Drains, Sewers and Street connections.	14,756	Mainly under Establishment Rs. 1,418, Labour Rs. 2,030, Repairs and Alterations Rs. 7,360, Stores and Plant .Rs 1,372, Chlorinating Sewers and Storm Water Drains Rs. 1,520.
E.—Rebate on account of the compounded wheel tax.	41,726	Due to less number of licenses issued for public conveyances.
New Works	12,706	Out of this Rs.2,166 represent unspent balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance, and other savings being (1) Rs. 6,658 under Petty drainage works (2) Rs. 1 168 Planting new trees (3) Rs. 2 076 Construction of permanent manholes over S.W. drains and (4) the remaining balances of small savings under other works.
Debt Charges	40,110	Due to new loans for 1943-44 and 1944-45 not being raised on the dates originally proposed owing to decrease in Loan Works Expenditure.
IX.—Mechanical—		
B.—Pumping and Compressor Stations—		
(*b*) Pumping Stations in the City—		
(*i*) Pumping station at Love Grove ...	10,058	Out of this Rs. 1 936 represent unspent balance of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and the other decreases mainly under following heads :— Establishment ... ... Rs. 995 Electric current ... ... 3,597 Repairs and Maintenance ... ... 1,976 Stores ... ... 1,118 and small savings on other items.
(*vi*) Pumping Station at Matunga ...	5,915	Decrease mainly on Electric current Rs. 4,709 and the balance is made up of small savings on other items.
(c) Purification Works	24,673	Out of this Rs. 3,084 represent unexpended balances of the previous year to be renewed in 1945-46 by obtaining additional grants from Surplus Cash Balance. Decreases mainly under labour Rs. 1,462. Electric current Rs. 2,096. Repairs and Maintenance Rs 8,213, Stores and Chemical Rs. 3,512 and chlorination of crude sewage Rs. 5,978 and small savings on other items.
(*d*) Compressor Stations in the City—		
(*ii*) Compressor Stations at Victoria Gardens, Fergusson Road and Warden Road.	6,918	Decrease mainly on electric current Rs. 1,381, Repairs and Maintenance Rs. 4,560 and balance is made up of small savings in other items.
D.—Transport—		
(7) Removal of Town Refuse to Tardeo for Transport to Deonar.	18,643	Decrease mainly under Establishment Rs. 3,423, Clothing, etc., Rs. 4,784, Running expenses Rs. 2,568, Repairs and Maintenance Rs. 4,032 and Deprecition Rs. 3,836.
(8) Upkeep of motor silt wagons ...	5,314	Due to decrease under Running Expenses Rs. 2,801, Depreciation Rs. 1,600 and remaining on other items.
New Works	16,706	Out of this Rs. 12.952 represent the unexpended balances of the previous year to be renewed during 1945-46 by obtaining additional grant from Surplus Cash Balance and remaining balance of Rs. 3,754 on the work of regrading 4" gas main from the existing 6" main, etc., for supplying gas from D.P. Works to Wadia Hospital.
Debt Charges	9,668	Due to new loans for 1943-44 and 1944-45 not being raised on the dates originally proposed owing to decrease in the Loan Works Expenditure.
X.—Buildings, Land Acquisition and Management—		
B.—Inspection and Supervision of Private Buildings	10,195	Decrease is mainly under Establishment Rs. 8,294, Printing and Stationery Rs. 1,469 and remaining is made up of small savings on other items.
C.—Architectural	10,840	Decrease mainly under Establishment.
D.—Land Acquisition and Management ...	11,019	Out of this Rs. 1,621 represent unexpended balances of the previous year to be renewed during 1945-46 by obtaining additional grant from Surplus Cash Balance Other decreses mainly under Repairs and Maintenance Rs. 5,927, Disposal of land Rs. 2,841.

Budget Head.	Amount	Remarks.
	Rs.	
XI.—Fire Brigade— ...	31,335	Out of this Rs. 1,415 represent unexpended balances of the previous year to be renewed during 1945-46 by obtaining additional grant from Surplus Cash Balance and the remaining decreases are mainly due under Establishment Rs. 9,084, Repairs and Maintenance Rs. 4,993, Rent Rs. 7,379, Stores Rs. 1,667, Stock-General appliances Rs. 1,298, Depreciation Rs. 2,947.
XIII.—Gardens and Open Spaces—		
A.—Gardens—		
(*a*) Victoria Gardens	5,858	Decrease is mainly due under Repairs and Maintenance Rs. 1,723 Zoological collection Rs. 3,100 and the remaining blance is made up of small savings in other items.
B.—New Gardens— Recreation Grounds	14,508	Out of this Rs. 14,096 represent unexpended balances of the previous year to be renewed during 1945-46 by obtaining additional grant from Surplus Cash Balance and the other decreases are made up of small savings on the other items.
XIV.—Markets and Slaughter Houses—		
A.—Markets and Slaughter Houses—		
(*b*) Municipal Markets	17,845	Out of this Rs. 5,811 represent unspent balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and other decreases are mainly under Establishment Rs. 2,345, Repairs and Maintenance Rs. 8,761 and the remaining balances represent savings under other items.
(*c*) Slaughter Houses	8,565	Out of this Rs. 6,050 represent unexpended balances of the previous year to be renewed in 1945-46 by obtaining additional grants from Surplus Cash Balance and the balance of Rs. 2,515 represents small savings on other items.
Provident Fund and Pension charges ...	5,313	This is made up of decrease under (1) Provident Fund Rs. 4,384 due mainly to forfeiture of Municipal contribution in case of Market employee dismissed and (2) Pension and Gratuities, etc., Rs. 929.
New Works	8,156	Out of this Rs. 5,671 represent unexpended balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Belance and the balance Rs. 2,485 is made up of small savings on other items.
XVI.—Provident Fund, Pension, Gratuities, and Compassionate allowances—		
A.—Provident Fund	12,394	Due to recoveries from Government and other private parties for carrying out works on their behalf and lapses in case of temporary employees and also due to some of the temporary employees having not exercised their option to contribute at 16 pies in a rupee.
B.—Pension, Gratuities, etc. ...	53,048	Out of this Rs. 42,000 represent provision for payment of pensions in lieu of gratuities and the balances due to less expenditure on pensions on account of deaths.
XVII.—Urban Immovable Property Tax (on Municipal Properties in the City).	10,141	Due to exemption of certain Municipal properties from the payment of tax.
XVIII.—Dearness Allowance	52,467	Due partly to charges in respect of staff under Advances and Suspense heads being met from grants under these heads, and partly to absentees amongst the staff.
XIX.—Grants-in-aid to Public Institutions ...	6,942	Mainly due to decrease in the grant required to be provided for maintenance of pauper lunatics.
XX.—Measures for Civil Defence	1,46,192	Out of this Rs. 13,791 represent unexpended balances of the previous year to be renewed in 1945-46 by obtaining additional grant from Surplus Cash Balance and due to further curtailment of Civil Defence Measures owing to improvement in war situation.

LOAN FUNDS.

13. The amount of new loan proposed in Budget for 1944-45 was Rs. 28,50 lakhs. On the basis of the revised loan works programme of the year the amount of this loan was reduced to Rs. 22 lakhs and the provision for the same was made in the Loan Works Revised Estimates for the year. As the loan works expenditure fell short of the budgetted expenditure, the amount actually raised to finance the Capial Expenditure including purchase of Plant and Machinery and renewal of surfaces of roads for which no Renewal Fund exists and of roads taken over from ex-Trust, was Rs. 16,28,109 as detailed in paragraph 5 above.

LOAN WORKS EXPENDITURE.

14. The opening balance on 1st April 1944 on account of Loan Funds including the advance from Special Funds for the purchase of Plant and Machinery and for Renewal of Surfaces of Roads for which no Renewal Fund exists but excluding the Trust Funds was Rs. 9,26,731. Adding to this Rs. 16,28,109 raised during the year the total funds available for expenditure were Rs. 25,54,840. The total expenditure incurred during the year amounted to Rs. 17,93,469 made up of Rs. 15,64 319 on account of expenditure on works and Discount and other charges on the Loans and Rs. 2,29,150 being the amount repaid to the Land Sales Reserve Fund against the advance of Rs. 18,75,000 taken from that Fund for financing the Capital Expenditure in previous years, leaving an unspent balance of Rs. 7,61,371 at the close of the year.

15. The following statement contrasts the expenditure on Capital Works with the Budget and Revised Estimates during the last five years.

Year.	Loan and Trust Fund.			Percentage by which actuals fell short of Budget Estimates.	Percentage by which actuals fell short of Revised Estimates.
	Budget Estimates.	Revised Estimates.	Actuals.		
	Rs.	Rs.	Rs.	Rs.	Rs.
1940-41 ...	50,23,263	76,82,864	43,16,316	14	44
1941-42 ...	41,16,573	52,40,984	27,33,508	34	48
1942-43 ...	35,80,759	39,65,726	19,52,350	45	51
1943-44 ...	23,67,960	38,52,732	19,13,154	19	50
1944-45 ...	27,32,802	43.90,800	15,41,507	44	65

The above figures do not include the amount on account of subvention, discount and other charges on the New Loan and Repayment of Advance taken from the Land Sales Reserve Fund.

The Revised Estimates adopted by the Corporation were for Rs. 46,91,800 including Rs. 1,000 on account of subvention, Rs. 50,000 on account of charges for raising the new loan, Rs. 2,50,000 for Repayment of Advance taken from the Land Sales Reserve Fund and Rs. 9,172 on account of the estimated expenditure under the Trust Fund. The amount of Rs. 15,41,507 shown as the actual expenditure is arrived at as follows:—

	Rs.	Rs.
Expenditure as shown in the summary of Appendix No. 8 including expenditure under Trust Fund and credit on account of assets written off		14,98,542
Deduct—		
Expenditure on account of subvention	300	
Expenditure for raising the new loan	22,512	
		22,812
		14,75,730
Add—		
Assets written off		65,777
		15,41,507

16. The following table gives the classification of all the Loan Works under distinctive groups for the purpose of appraising the distinctive character and value to the City in relation to the outlay, the allocation of outstanding debt as on 31st March 1945 and the debt charges involved during 1944-45 :—

Particulars of City Services.	Amount of Loan outstanding on 31st March 1945.	Debt Charges for 1944-45.				Total Debt Charges.
		Debt Interest.	Interest accrued but not paid.	Sinking Fund and Repayments.	Bank's Commission and Miscellaneous Loan Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
General Services	7,84,82,325	34,79,797	...	32,91,377	6,603	67,77,777
Self-supporting services—						
Water Works	5,68,47,229	28,58,571	...	25,75,726	7,0[illegible]7	54,41,354
Fire Brigade	7,96,502	32,549	...	41,718	28	74,295
Markets and Slaughter Houses ...	17,92,293	82,444	...	1,12,701	68	1,95,213
Total ...	5,94,36,024	29,73,564	...	27,30,145	7,153	57,10,862
Grand Total ...	13,79,18,349	64,53,361	...	60,21,522	13,756	1,24,88,639

SINKING FUNDS.

17. From Appendix No. 10 it will be seen that the book value of investments of the Sinking Funds as on 31st March 1945 amounted to Rs. 3,65,28,927 made up of Rs. 3,65,28,687 being the book value of securities and Rs. 240 in cash with the Imperial Bank of India. Valuing the Municipal and Improvement Trust Debentures at par, the market value of Sinking Fund Investments held on 31st March 1945 comes to Rs. 3,88,99,022 as shown in Appendix No. 16A. This, together with the amount of interest accrued upto 31st March 1945, *viz.*, Rs. 3,65,789 and cash with the Imperial Bank of India, Rs. 240 brings the total amount of Sinking Fund to Rs. 3,92,65,051 and more than covers the amount *viz.*, Rs. 3,68,25,213 to which the Sinking Fund should have accumulated upto 31st March 1945. The excess in the Sinking Fund Investments account is thus Rs. 24,39,838.

INVESTMENTS AND INVESTED BALANCES.

18. The details of investments made during the year are as follows :—

Particulars.	Amount.	Average No. of Days.
	Rs.	
(1) Current Account Deposits	67,50,000	157.18
(2) Fixed Deposits	3,57,50,000	142.63
Total ...	4,25,00,000	194.22

The interest earned during the year amounted to Rs. 4,12,834 and the details are as follows :—

	Rs.
(1) On Current Account Deposits	7,283
(2) On Fixed Deposits	2,22,913
(3) On Treasury Bills	891
(4) On Investments in Public Securities, etc.	1,81,747
Total ...	4,12,834

The average rate of interest on Current Account Deposits was .25 per cent. the same as in the preceding year. The average rate of interest on Fixed Deposits was 1.14 per cent. as against 1.06 per cent. in the preceding year. The average rate of interest on Treasury Bills was .80 per cent., the same as in the preceding year. The rate realized on fixed deposits ranged from 3/4 per cent. to 1½ per cent. The maximum rate realized on fixed deposits in the preceding year was 1½ per cent.

The average rate of interest on all deposits was 1.02 per cent. as against .97 per cent. in the preceding year.

RESERVE STOCK.

19. The opening balance and the receipts of General Stores during the year as per books maintained in this office were Rs. 7,41,828 and Rs. 13,27,675 respectively, and the issue amounted to Rs. 11,28,469. The closing balance of General Stores was, therefore, Rs. 9,41,034, *i.e.*, more by Rs. 1,99,206 than the opening balance.

20. The balances of General Serviceable Stores in charge of the Controller of Stores are compared below for the last five years :—

		Rs.
Balance at the close of	1940-41	2,66,953
" "	1941-42	3,75,899
" "	1942-43	5,66,256
" "	1943-44	7,41,828
" "	1944-45	9,41,034

CAPITAL STORES.

The opening balance of Rs. 2,48,315 together with the receipts of Capital Stores during the year aggregated to Rs. 7,13,029 and the issues to Rs. 4,61,204 thus resulting in an increase of Rs. 3,510 in the closing balance of Capital Stores, *viz.*, Rs. 2,51,825 compared with the opening balance.

DEPARTMENTAL STOCK VERIFICATION.

21. Detailed verification of the reserve stock at the Central Stores and the two Sub-Depots at Foras Road and the B. B. Pipe Depot for the year 1944-45 was commenced in March 1945 and was stil in progres s.

Verification of all consumable stores including stationery, animals, furniture, etc., was continued during the year. The programme of verifiction was altered at times and surprise checks were instituted in the various offices situated in different parts of the City. The registers both of the Municipality and the Improvement Trust Schemes were found posted regularly and minor discrepancies were rectified. Special Registers for keeping detailed accounts of Plant and Machinery are being introduced and the departments concerned requested to furnish complete statements for verification. The work was still in progress.

STREET IMPROVEMENTS.

22. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of set backs was Rs. 1,68,000 (excluding Rs. 1,32,000 ear-marked for adding set-back lands to the roads), the expenditure being Rs. 1,59,421. This leaves a balance of Rs. 8,579.

After deducting all ascertained time-barred claims, the undischarged commitments upto 31st March 1945 in regard to set-backs already acquired and sanctioned to be acquired amount to Rs. 8,42,128 against which we have a provision of Rs. 4,00,000 (excluding Rs.50,000 earmarked for adding set-backs lands to the roads) in the Budget for 1945-46. In addition to this, further liabilities may be expected on account of further acquisition of set-backs that will be sanctioned during 1945-46.

LEVELLING, METALLING, ETC., PRIVATE STREETS.

23. The expenditure on the improvement of private streets is financed in the first instance from the Plant and Machinery Depreciation Fund pending recovery from the house owners.

The following statement shows the figures of advance sanctioned, expenditure incurred and recoveries made during the last five years :—

Year.	Grant (Advance from Plant and Machinery Depreciation Fund).	Expenditure.				Recoveries inclusive of Interest and Supervision Charges.
		Actual Expenditure on Works.	Supervision Charges.	Interest, etc., on Advance.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1940-41	1,40,500	54,718		5,622	60,340	41,062
1941-42	1,06,000	31,171		5,683	36,854	53,485
1942-43	1,04,000	11,863		4,975	18,063	42,934
1943-44	76,670	1,354	1,225	3,585	7,431	33,257
1944-45	86,237	73	2,492	2,961	3,034	8,418
				Total ...	1,25,722	1,79,156

The amount outstanding on 1st April 1940 was Rs. 1,10,162. Adding Rs. 1,25,722 on account of expenditure incurred during the years 1940-41 to 1944-45 and deducting Rs. 1,79,156 recovered during the same period the amount outstanding at the close of the year 1944-45 comes to Rs. 56,728 as shown in Appendix No. 6.

MEASURES FOR CIVIL DEFENCE.

24. Owing to improvement in the War situation during the year most of the A.R.P. schemes were curtailed with a view to bringing down the expenditure to the minimum.

The final grants sanctioned during the year aggregated to Rs. 11,12,785 against which the actuals amounted to Rs. 2,16,656 (*Vide* Appendix 4A). The decrease in expenditure was due to the curtailment of A.R.P. activities.

The final sanctioned grants of Rs. 11,12,735 above referred to are made up of Government allotment of Rs. 8,60,131 and Municipal allotment of Rs. 2,52,654.

Against the allotment of Rs. 8,60,131 on Government account the expenditure booked during the year (excluding Provident Fund, etc. contribution and supervision charges) amounted to Rs. 1,46,720 which together with the opening outstanding balance of Rs. 3,46,435 came to Rs. 4,93,155. In addition to this an expenditure amounting to Rs. 90,229 was incurred with Government's sanction on relief work organised in connection with the fires that broke out as a result of the explosion of 14th April 1944 and was met partly from amounts advanced by Government aggregating to Rs. 90,000 during the year and partly from the A.R.P. deposit. The advance of Rs. 90,000 received from Government on this account stood credited to the Deposit for A.R.P. works.

Out of the total account Rs. 4,93,155 recoveries effected during the year aggregated to Rs. 3,86,310 leaving a balance of Rs. 1,06,845 as outstanding at the close of the year which is covered by the deposit of Rs. 2 lakhs (original deposit of Rs. 5 lakhs minus Rs. 3 lakhs refunded to Government) held by the Municipality on Government Account to meet the Government share of expenditure on A.R.P. measures pending subsequent recoupment. In addition a sum of Rs. 5,265 due on account of (1) leave contribution at 12½ per cent., and Provident Fund contribution at 8⅓ per cent. and (2) Supervision charges at 5 per cent. amounting to Rs. 42-0-0 and Rs. 5,223-0-0, respectively, in respect of bills preferred by the Municipality on account of staff engaged and works executed, was also recovered from them.

As regards the allotment of Rs. 2,52,654 on Municipal account chargeable to the head XX—Measures for Civil Defence the expenditure booked was Rs. 69, 936 leaving an unexpended balance of Rs. 1,82,718 at the close of the year. Of this Rs. 36,526 are being renewed for expenditure during 1945-46, the balance *viz.*, Rs. 1,46,192 being treated as savings on final sanctioned grants as detailed in Appendix No. 4A.

IMPROVEMENT SCHEMES.

General Account.

Income.

25. The total income for the year amounted to Rs. 1,02,00,491 against Rs. 95,45,318 for the preceding year showing an increase of Rs. 6,55,173 made up of increases in (1) Land Revenue realisations of Rs. 5.30 lakhs, (2) Contribution from the Corporation of Rs. 1.0lakhs, (3) Interest and Profit on Investment of Rs. 0.37 counterbalanced by a decrease of Rs. 0.12 under Miscellaneous Receipts. A detailed comparision between the Budget Estimates and the Actuals will be found in Appendix No. 23.

Expenditure.

26. The total expenditure, for the year aggregated to Rs. 99,52,654 as against Rs. 97,94,621 for the preceding year showing an increase of Rs. 1,58,033. This is made up of an increase of Rs. 2.93 lakhs under Maintenance of Properties and Streets counterbalanced by a decrease of Rs. 1.35 lakhs under debt charges. The expenditure of Rs. 99.52 lakhs comprises expenditure of Rs. 21.39 lakhs under Maintenance of Properties and Streets inclusive of the Cost of Management and Establishment and of Rs. 78.13 lakhs under Debt Charges. Appendix No. 24 gives a comparison between the Final Sanctioned Grants and the actuals for the year.

27. The net surplus for the year amounted to Rs. 2,47,837 as shown in Appendix No. 22.

LOANS.

28. The loan liabilities at the beginning of the year stood at Rs. 16,12,80,506. No loan was raised during the year.

The repayment of loans during the year aggregated to Rs. 29,14,866 out of which Rs. 5,24,866 were repaid to Government on the basis of equated payments out of Revenue in respect of advance taken from them and Rs. 23,90,000 were repaid to the debenture holders out of the 5½ per cent. loan of Rs. 25 lakhs. The outstanding loan liabilities at the close of the year thus stood at Rs. 15,83,65,640. Out of this, the amount outstanding on account of Government loans shown in Appendix No. 29 as Rs. 8,48,61,640 requires some explanation as the whole amount is not really due to Government. Out of the debentures held by Government, debentures are repurchased every year for the purpose of Sinking Fund investments and the debentures thus held on 31st March 1945 amount to Rs. 2,62,00,000 The liability to Government on this account is therefore only Rs. 5,86,61,640.

CAPITAL ACCOUNT.

29. The opening balance on 1st April 1944 was Rs. 1,18,08,497. During the year under report, receipts on account of sale proceeds of lands and buildings amounted to Rs. 36,11,637. These, together with the surplus of Rs. 2,47,837 transferred from the General Account, brought the total of funds available to Rs. 1,56,67,971. Against this, the total expenditure incurred is Rs. 26,07,661 made up of (1) on works Rs. 4,23,366 and (2) Repayment of loan of Rs. 21,84,295. The unspent balance at the close of the year thus stood at Rs. 1,30,60,310.

EXPENDITURE ON SCHEMES.

Appendix No. 26.

30. The actual expenditure incurred during the year on Schemes amounted to Rs. 4,23,366 as against the Revised Estimates of Rs. 12,03,777 (including Rs. 1,78,373 on account of Cost of Management and Establishment). The total expenditure on Schemes upto 31st March 1945 amounted to Rs. 19,00,41,086 of which Rs. 14,65,586 represent discount and other charges on loans.

SINKING FUNDS.

31. The state of the Sinking Fund is shown below :—

Amount of Fund on 1st April 1944.	Interest, etc. realizations.	Sinking Fund Instalments.	*Deduct*—Withdrawn for repayment.	Amount of the Fund on 31st March 1945.
Rs.	Rs.	Rs.	Rs.	Rs.
3,30,19,732	14,76,049	5,75,728	2,05,705	3,48,65,804

From Appendix No. 28 it will be seen that in the books of Accounts the Sinking Fund as on 31st March 1945 amounts to Rs. 3,48,65,804 of which Rs. 3,48,65,631 represent the book value of the securities and Rs. 173 in cash with the Imperial Bank of India. Valuing the Bombay Improvement Trust and Municipal Debentures at par, the market value of the Sinking Fund Investments held on 31st March 1945 comes to Rs. 3,52,09,902 as shown in Appendix No. 30. This, together with the amount of interest accrued upto 31st March 1945, *viz.*, Rs. 1,28,121 and cash with the Imperial Bank of India, *viz.*, Rs. 173 brings the total amount of Sinking Fund to Rs. 3,53,38,196 against Rs. 3,01,47,811 the amount to which the Sinking Fund should have accumulated upto 31st March 1945. The excess in the Sinking Fund Investment account is thus Rs. 51,90,385.

The total amount of loans raised for Improvement Schemes and outstanding on 31st March 1945 come to Rs. 1,584 lakhs. Out of this Rs. 373 lakhs are borrowed from Government the repayment of which is arranged on the basis of half-yearly equated payments. The balance of Rs. 1,211 lakhs represents loans raised by issue of debentures. Out of this, Rs. 476 lakhs are borrowed from Government and Rs. 735 lakhs from the Public.

LIABILITIES AND ASSETS.

APPENDIX No. 25.

32. The gross capital liabilities of the Improvement Schemes stood at Rs. 16,31,24,130 at the close of the year under report and the assets at Rs. 24,27,25,690 including book value of lands comprised in Schedules 'W' and 'X' resulting in a surplus of Rs. 7,96,01,560 the details whereof are shown in Appendix No. 25.

GENERAL REMARKS.

(000 *Omitted after Rs.*)

33. In the Budget Estimates for the year the total income was estimated at Rs. 3,93,76 and the total expenditure at Rs. 4,16,46 the budget deficit being Rs. 22,70. The actual income realised for the year was Rs.4,29,77 and the total expenditure aggregated to Rs. 4,12,95 showing a surplus of Rs. 16,82. On scrutinising the details, it will be seen that the total gross increases in Revenue amounted to Rs. 36,88 while the decreases in income amounted to Rs. 0,86 the net increase being Rs. 36.02. There were increases in income under General Tax Rs. 6,91. Town Duties Rs. 6,40, Grants-in-aid in respect of Fines for Offences against Law Rs. 27, Interest and Profit on Investments of Surplus Loan and other balances Rs. 1,02, Interest and Profit on Plant and Machinery Depreciation Fund Rs. 2 and Miscellaneous Rs. 16. Under Water Works there was an increase of Rs. 72 in the Tax on Rateable Value, Rs. 5,90 in the Revenue by Meter Measurement, and Rs. 15 under Rent of Buildings and Miscellaneous receipts counterbalanced by decreases of Rs. 10 in Rent of Meters and Rs. 60 under Compounded Tax. The net increase under this head was thus Rs. 6,07. The other increases were under Education (Primary) Rs. 17, Public Health Rs. 89, Medical Relief and Education Rs. 96, Street Cleansing and Conservancy Rs. 3,59 (Rs. 2,93 under Halalkhore Tax and Rs. 66 under Miscellaneous) Roads, Drains and Sewers Rs. 4,02 (Rs. 3,84 under Wheel Tax, Rs. 8 under Ground Rent, Rs. 12 under Miscellaneous Receipts and fees, counterbalanced by decrease of Rs. 2 under Rent of Buildings and lands), Mechanical Rs. 10, Buildings, Land Acquisition and Management Rs. 73, Fire Brigade Rs. 47, Licensing, etc., Rs. 71, Gardens and Open Spaces Rs. 7, Markets and Slaughter Houses Rs. 4,24, Rebate from Government on account of collection of Urban Immoveable Property Tax Rs. 8. The decreases in Revenue were made up of contribution from Capital Fund to Revenue on account of Loan Works Staff Rs. 23, Interest on Net Premia Fund and excess interest on Sinking Fund Rs. 19 and Excess accumulation in Plant and Machinery Depreciation Fund Rs. 44.

The large increases in income, over the Budget Estimates are likely to create an incorrect impression that the Estimates of income were prepared on a very conservative basis. It seems therefore necessary to look into the causes which led to these increases. Looked at from this point of view, it will be evident that the increases were the off shoot of favourable conditions created by the war and therefore cannot be considered of a permanent nature. The increase in general tax was partly due to revision of ratable value of several owner occupied properties in the City and building activities by Government for military purposes. The increase under Town Duty was due to larger importation of dutiable goods in the City owing to war situation. The increase under Water Works was due to more consumption of water by textile mills, Government, and other factories. Under Medical Relief, the increase was due to compensation for occupation of the Ramesh Premchand Tuberculosis Hospital by the Royal Indian Navy for the purpose of Naval Hospital and that under Market and Slaughter Houses, due to increased receipts under stall rents, squatter fees, fair ground and feeding fees and miscellaneous receipts due to heavy demand, counter balanced by decrease under slaughter fees owing to difficulties in the way of cattle import and restriction on slaughter. These increases in income can be wholly attributed to conditions created by the war and thus of a temporary nature. For a correct appreciation of our financial position, it is necessary to make allowances for the above increases due to war conditions. The other increases are of a minor nature and do not require any special reference.

The expenditure for the year as compared with the Budget Estimate showed a decrease of Rs. 3,51. The main factors which contributed to this decrease were (1) reduction of Rs. 1,00 due to non-raising of loan as proposed in the Budget owing to reduced expenditure on loan works, (2) decrease of Rs. 57 in Election expenses due to the terms of the Corporation having been extended by two years, (3) decrease of Rs. 2,24 in Repairs and New Works owing to the difficulty of obtaining materials due to war, (4) decrease of Rs. 82 on the maintenance of Roads and of Rs. 1,66 under lighting and (5) decrease of Rs. 1,46 under measures for Civil Defence owing to further curtailment of Civil Defence Measures due to improvement in war situation counterbalanced by increases amounting to Rs. 4,24, *viz.*, (1) increase of Rs. 1,34 under Education (Primary) partly due to the payment of dearness allowance to the employees of the Schools Committee at the enhanced rate, and partly to increase in current expenses, (2) increase of Rs. 1,08 under contribution towards Improvement Schemes due to increased realisation from general tax during 1943-44, and (3) increase of Rs. 1,82 under Dearness Allowance from Rs. 16 to Rs. 18 per month from 1st April 1944 and further to Rs. 22 per month from January 1945 to employees drawing salary of Rs. 220 per month and 10 per cent to employees drawing a salary above Rs. 180 and upto Rs. 1,000 per month from 1st July 1944.

The Surplus Cash Balance at the beginning of the year was Rs. 64,01 and as a result of variations in Income and Expenditure showing a surplus of Rs. 16,82 the balance at the close of the year was Rs. 80,83 and after allowing for the advance of Rs. 11,75 as detailed in paragraph 2, the balance at the close of the year was **Rs. 69,08.**

It will be seen from the foregoing remarks that the increases in revenue and decreases in expenditure were due to conditions created by the war and that as a result thereof the surplus cash balance has increased to Rs. 80,83. On account of increases in revenue during the past 5 years, it was possible to meet the increased expenditure which the Corporation were called upon to bear during these years in respect of payment of Dearness Allowance to the staff and increase in expenditure under all service heads due to the rise in the prices of stores and materials without having recourse to increased taxation.

During the year under report, the Corporation by their resolution No. 1233, dated the 23rd March 1944 have sanctioned the operation of the scheme of distribution of milk to children below 2 years of age on behalf of Government provided the cost of distribution and the loss entailed by it are wholly borne by Government The scheme was further extended to children below 10 years of age and expectant and nursing mothers. The

Government have deposited Rs. 2,75 for meeting the expenditure on the scheme. The total expenditure incurred amounted to Rs. 18,57 and receipts on account of sale of milk realised amounted to Rs. 14,01, the subsidy paid by Government being Rs. 4,56. The actual balance to the credit of Government at the close of the year remained at Rs. 2,78. The contribution towards leave salary at 12½%and Provident Fund at 8⅓% recovered from Government in respect of the Municipal staff engaged on the scheme amounted to Rs. 34 and supervision charges recovered for the administration of the scheme were Rs. 12.

Further during the year the City witnessed the unprecedented catastrophe as a consequence of war activities, *viz.*, the Dock explosion on the 14th April 1944 which caused extensive damage to Municipal and public properties. The cost of making good the damage to Municipal and ex-Trust properties etc., was estimated at Rs. 18,89,349 and accordingly, a claim for this amount was submitted to Government on account of compensation for the loss sustained by the Bombay Municipal Corporation.

The details of the claim were as under:—

	Rs.
(1) Estimated cost of making good the damage to the Municipal properties affected by the explosions.	... 6,77,094
(2) Estimated cost of replacing the appliances equipment etc., belonging to the Bombay Municipal Fire Brigade which were destroyed in the explosion	... 2,90,007
(3) Estimated cost of repairs to appliances of the Fire Brigade	... 4,035
(4) Gratuity and compassionate allowances and immediate relief to certain dependents of the Bombay Municipal Fire Brigade staff who were killed in the explosions.	... 13,011
(5) Demolition of unsafe buildings and removal of debris.	... 7,92,452
(6) Annual liabilities on account of monthly pension on capitalised basis.	... 1,12,750
Total Rs.	...18,89,349

Against the sum of Rs.18,89 lakhs claimed by the Municipality, Government awarded Rs. 14,75 lakhs only out of which Rs. 7,76 lakhs have already been expended.

If the actual expenditure for making good the damage for all the above items exceeds the amount received from Government it will be necessary to obtain additional grant from the Surplus Cash Balance to meet the excess.

In regard to Land Sales Reserve Fund, it may be pointed out that the area of Surplus Municipal land available for sale at the end of the year was about 61,089 square yards of the approximate value of Rs. 6'83.

The expenditure on Loan Works as shown in the Budget was Rs. 27,33. In the Revised Estimates, the expenditure was shown at Rs. 43,91, while the actual expenditure aggregated to Rs. 15,42. The actuals fell short of the Budget Estimates and the Revised Estimates by 44 per cent and 65 per cent respectively. The executive officers were not able to spend money owing to the difficulty of obtaining materials due to the war.

The position regarding Sinking Fund Investments is satisfactory, as there is an excess accumulation of Rs. 24,40 which is allowed to remain in the Sinking Fund Account pending legislation by Government for amending the Municipal Act for the purpose of enabling the Corporation to utilise these surplus accumulations for general Municipal purposes. In addition to this, Rs. 47,25 are to the credit of Net Premia Fund which is intended as a reserve for making good any deficit in the market value of the Sinking Fund Investments at the close of the year as compared with the actual amount of the Sinking Fund on that date.

As regards Improvement Schemes, the total income for the year amounted to Rs. 1,02,00 and the total expenditure aggregated to Rs. 99,52, showing a surplus of Rs. 2,48. The programme of repair works had to be considerably curtailed on account of the difficulty of obtaining materials due to war.

The position regarding Sinking Fund Investments in respect of Improvement Schemes is satisfactory as there is an excess accumulation of Rs. 51,90 which is allowed to remain in Sinking Fund Account. There is no separate Net Premia Fund in the case of the Improvement Schemes Account.

J. K. DARUVALA,
Chief Accountant.

APPENDICES.

MUNICIPAL ACCOUNT.

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No. 2.—Statement of Surplus Revenue Fund for 1944-45.

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No. 5.—Balance Sheet (Revenue) as at 31st March 1945.

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No. 8.—Block Account, showing details of Capital Expenditure upto 31st March 1945.

No. 9.—Statement showing (1) the total amount of Municipal loans raised, (2) the expenditure incurred there against and (3) the invested balance of the loans on 31st March 1945.

No. 10.—Statement showing the actual investment on account of the Sinking Fund of different Municipal Loans upto 31st March 1945 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund as at 31st March 1945.

No. 11.—Statement showing outstanding loans due by the Municipality, the interest outstanding on 1st April 1944 on the different loans, the amount payable for the year 1944-45, the amount paid by the Imperial Bank of India and in office during that year and the balances outstanding on 31st March 1945.

No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1944-45 and preceding 5 years from Water supply through meters.

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No. 13.—Markets and Slaughter Houses, Income and Expenditure Account for 1944-45.

No. 14.—Municipal Printing Press, Income and Expenditure for the year 1944-45.

No. 14A.—Statement of Advance Accounts for 1944-45.

No. 14B.—Statement of Advance Accounts out of Special Funds for 1944-45.

No. 14C.—Statement of Deposit Accounts for 1944-45.

No. 14D.—Statement of Reserve Stores Stock Accounts for 1944-45.

No. 14E.—Statement of interest accrued but not paid in respect of the Municipal loans outstanding on 31st March 1945.

No. 15.—Statement of amounts of receipts and expenditure respectively, credited and debited to the Municipal Fund during the year 1944-45 and the balance at the credit of the fund at the close of the year 1944-45 (*i.e.* 31st March 1945.)

No. 16.—Comparison of Face, Purchase and Market values at 31st March 1945 of the different securities held in the Special Funds.

No. 16A.—Comparison of Face, Purchase and Market values at 31st March 1945 of the different securities held in the Sinking Funds.

No. 16B.—Statement showing the amount of and the object for which the donations held under Public Monuments Maintenance Fund were received from different parties upto 31st March 1945.

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No. 17.—Statement of Town Duties collected and refunds allowed in 1944-45.

No. 18.—Statement of the Income of the Bombay Municipality from 1932-33 to the close of the financial year 1944-45.

No. 19.—Statement of the Expenditure of the Bombay Municipality from 1932-33 to the close of the financial year 1944-45.

No. 20.—Contrasted statement of Income and Expenditure from the year 1932-33 to the financial year 1944-45.

IMPROVEMENT SCHEMES ACCOUNT.

No. 21.—General Financial Statistics.

No. 22.—General Account for the year 1944-45.

No. 23.—General Account for 1944-45—Details of Income.

No. 24.—General Account for 1944-45—Details of Expenditure.

No. 25.—Balance Sheet (Capital Account) as at 31st March 1945.

No. 26.—Block Account showing Capital Expenditure upto 31st March 1945.

No. 27.—Statement showing scheduled lands as specified in the Schedules W to Z annexed to Act XIII of 1933.

No. 28.—Statement showing the actual investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1945 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund, as at 31st March 1945.

No. 29.—Statement showing outstanding loans of the Bombay Improvement Trust due by the Municipality, the interest outstanding on 1st April 1944 on the different loans, the amount payable for the year 1944-45, the amount paid during that year and the balances outstanding on 31st March 1945.

No. 30.—Comparison of Face, Purchase and Market values at 31st March 1945 of the different securities held in the Sinking Fund.

APPENDIX No. 1.

General Financial Statistics.

—	1940-41.	1941-42.	1942-43.	1943-44.	1944-45.
General.					
1. Area of the City (acres)	15,714	15,714	16,761	16,761	16,761
2. Population ...	1,489,883	1,489,883	14,89,883	14,89,883	14,89,883
Rates and Assessments.					
3. Rateable value Rs.	14,14,61,189	14,27,65,826	14,63,63,848	15,93,54,514	16,00,98,370
4. Rateable value per head of population.	Rs. 94-15-6	Rs. 95-13-2	Rs. 98-3-10	Rs. 106-15-4	Rs. 107-7-3
5. Properties registered in the Assessment Book	48,501	48,664	48,967	49,016	49,631
Income.	Rs.	Rs.	Rs.	Rs.	Rs.
	at 11 per cent.	at 11 per cent.	at 11 per cent.	at 11 per cent.	at 11 per cent.
6. General Tax ...	1,38,54,785	1,39,20,308	1,47,94,959	1,53,51,010	1,59,44,469
7 Income from other sources ...	2,17,76,980	2,28,45,895	2,41,06,982	2,50,47,527	2,70,33,147
Total Income Rs.	3,56,31,765	3,67,66,203	3,89,01,941	4,03,98,537	4,29,77,616
8. Incidence of Taxation per head ...	Rs. 19-13-2	Rs. 20-7-5	Rs. 21-7-8	Rs. 27-1-10	Rs. 28-13-6
Loans.	Rs.	Rs.	Rs.	Rs.	Rs.
9. Debt outstanding ...	15,57,20,010	15,49,82,768	14,60,72,411	14,06,86 931	13,79,18,349
10. Redemption and Sinking Funds in hand or invested ...	3,37,43,520	3,69,77,690	3,26,11,056	3,32,83,833	3,65,28,927
11. Net Loan Debt ...	12,19,76,490	11,80,05,078	11,34,61,355	10,74,03,098	10,13,89,422
12. Net Debt per head of population ...	Rs. 81-14-3	Rs. 79-3-3	Rs. 76-2-6	Rs. 72-1-5	Rs. 68-0-10
Expenditure.	Rs.	Rs.	Rs.	Rs.	Rs.
13. *Water Works*— Maintenance ...	15,33,048	14,12,014	14,71,051	16,21,289	17,01,094
Debt Charges ...	53,74,298	54,12,160	53,41,293	54,21,364	54,41,354
14. Primary Education ...	41,17,900	41,39,770	42,27,020	47,11,373	53,41,151
15. Medical Relief and Education ...	21,11,929	19,34,992	20,62,630	23,58,896	24,14,403
16. Other City services ...	1,56,61,416	1,57,50,826	1,61,38,332	1,79,47,179	1,93,50,000
17. Debt Charges—excluding Water Works...	71,19,815	72,71,759	72,25,122	70,36,348	70,47,285
Total Expenditure Rs. ...	3,59,18,406	3,59,21,521	3,64,65,448	3,90,96,449	4,12,95,287

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

APPENDIX No. 2.

Revenue Account for the year ended 31st March 1945.

Particulars.		Total.	Particulars.		Total.
		Rs. a. p.			Rs. a. p.
To Revenue Expenditure as per Appendix No. 4		4,12,95,287 6 11	By Revenue Receipts as per Appendix No. 3		4,29,77,615 13 1
,, Balance being surplus for the year		16,82,328 6 2			
		4,29,77,615 13 1			4,29,77,615 13 1
	Rs. a. p.			Rs. a. p.	
Contribution towards Improvement Schemes during 1945-46 ...	27,69,580 0 0		Surplus Revenue Fund as at 1st April 1944 ...		97,30,719 15 0
Revenue Expenditure to be incurred in 1945-46 and provided for as renewed grants ...	18,13,000 0 0		Surplus for the year ...		16,82,328 6 2
		45,82,580 0 0	Revenue of previous year renewed for payment of contribution towards Improvement Schemes during 1944-45 ...	26,19,000 0 0	
Balance being Surplus Revenue Fund as at 31st March 1945 as per Appendix No. 5 ...		1,05,26,468 5 2	Revenue of previous years reserved for the year 1944-45 ...	10,77,000 0 0	36,96,000 0 0
		1,51,09,048 5 2			1,51,09,048 5 2

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 3
INCOME

Statement showing the Net Receipts during the Financial Year 1944-45 from all sources as contrasted with the Original Budget Estimate.

Particulars. 1	Budget Estimate for 1944-45. 2	Revised Estimate for 1944-45. 3	Actuals for 1944-45. 4	Actuals for 1943-44. 5	Compared with the Original Estimate More. 6	Less. 7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1.—General Tax, Indirect Taxation and Miscellaneous Revenue.						
A.—General Tax at 11 per cent.—						
(1) From the Public ...	1,24,36,000	1,26,05,017	1,29,01,336	1,25,20,828	4,65,336	...
(2) From Government ...	4,93,700	3,93,819	3,94,009	3,93,780	...	99,691
(3) From Port Trust ...	8,81,700	8,81,709	8,81,709	8,81,709	9	...
(4) For Improvement Schemes Properties ...	2,09,400	2,16,790	3,10,038	1,60,068	1,00,638	...
(5) From Mills ...	8,00,000	10,49,961	10,24,866	9,40,167	2,24,866	...
(6) From G.I.P. Railway ...	2,42,800	2,42,759	2,42,758	2,42,758	...	42
(7) From B.B. & C.I. Railway ...	1,89,600	1,89,655	1,89,753	2,11,700	153	...
	1,52,53,200	1,55,79,710	1,59,44,469	1,53,51,010	7,91,002	99,733
B.—Town Duties—						
(1) Through Port Trust ...	3,25,000	5,75,000	6,63,909	4,65,692	3,38,909	...
(2) Through G.I.P. Railway ...	4,75,000	4,25,000	5,31,116	4,00,093	56,116	...
(3) Through B.B. & C.I. Railway ...	10,50,000	9,25,000	9,36,520	9,54,316	...	1,13,480
(4) Election and T.D.O. ...	1,75,000	2,25,000	2,81,104	1,86,885	1,06,104	...
	20,25,000	21,50,000	24,12,649	(a) 20,06,986	5,01,129	1,13,480
Deduct—Refunds and Commission charges ...	7,25,000	5,50,000	4,72,595	(b) 3,89,324	...	2,52,405
	13,00,000	16,00,000	19,40,054	16,17,662	5,01,129	1,38,925
C.—Grant-in-aid of the fees for Land, Conveyance, Music Licences (issued by the Commissioner of Police) ...	4,500	5,838	5,838	8,690	1,338	...
D.—Grant-in-aid in respect of fines for offences against the Law ...	1,10,000	1,10,000	1,36,329	1,15,199	26,329	...
E.—Interest and Profit on Investments of Surplus Loan and other Balances ...	2,00,000	2,25,000	3,02 015	2,75,293	1,02,015	...
F.—Interest and Profit on Plant and Machinery Depreciation Fund ...	67,000	69,000	68,979	68,432	1,979	...
G.—Miscellaneous						
(1) Contribution from Municipal servants towards Pensions etc., Fund ...	4,000	4,500	4,370	4,228	370	...
(2) Sale proceeds of unserviceable Tools and Plant ...	...	...	...	...	...	...
(3) Miscellaneous receipts ...	60,000	40,000	63,413	1,13,093	3,413	...
(4) Miscellaneous fees ...	18,000	20,000	19,390	18,729	1,390	...
(5) Rent of buildings and lands ...	56,000	72,428	66,228	70,252	10,228	...
	1,38,000	1,36,928	1,53,401	2,06,302	15,401	...
	1,70,72,700	1,77,26,476	1,85,51,085	1,76,42,588	14,39,193	39,192
2.—Water Works.						
Water Tax and other Miscellaneous Water Works Revenue—						
(1) On Ratable Value ...	39,42,000	39,98,000	40,14,384	40,00,188	72,384	...
(2) By Measurement per 1,000 gallons ...	62,61,692	69,31,700	68,51,032	58,83,897	5,89,340	...
(3) Rent of Water Meters ...	80,000	78,500	69,736	75,068	...	10,264
(4) Compounded Tax ...	2,10,000	1,08,220	1,50,245	1,24,964	...	59,755
(5) Rent of Buildings and Lands ...	6,500	10,000	9,992	6,636	3,492	...
	1,05,00,192	1,11,26,420	1,10,95,389	1,00,90,753	6,65,216	70,019
(6) Miscellaneous— Miscellaneous receipts ...	22,500	55,500	34,031	38,599	11,531	...
	1,05,22,692	1,11,81,920	1,11,29,420	1,01,29,352	6,76,747	70,019
3.—Education (Primary).						
Contribution from Government ...	9,50,000	9,50,000	9,66,703	9,41,230	16,703	...
Miscellaneous— Miscellaneous receipts ...	...	150	488	1,464	488	...
	9,50,000	9,50,150	9,67,191	9,42,694	17,191	...
4.—Education (Secondary).						
Miscellaneous— Miscellaneous receipts ...	100	800	1,146	733	1,046	...
5.—Public Health Department.						
A.—Interest realised on Donations ...	75	75	75	75	...	...
B.—Miscellaneous—						
(1) Miscellaneous receipts ...	6,000	37,005	53,625	17,614	47,625	...
(2) Miscellaneous fees ...	29,900	38,659	40,856	37,103	10,956	...
(3) Rent of Buildings and Lands ...	60,000	60,821	61,488	60,847	1,488	...
(4) Sale of rights ...	100	...	5	4	...	95
	96,000	1,36,485	1,55,974	1,15,568	60,069	95
C.—Grant-in-aid from Government for the duty free supply of Spirituous Medical Preparations for the use of Hospitals and Dispensaries ...	500	6,293	...	3,914	...	500
D.—Tax on Dogs ...	25,000	53,631	54,230	...	29,230	...
	1,21,575	1,96,484	2,10,279	1,19,557	89,299	595
Carried forward Rs. ...	2,86,67,067	3,00,55,830	3,08,59,121	2,88,34,924	22,23 476	31,422

(a) These are net receipts after deducting Commission charges amounting to Rs. 67,572.
(b) This is exclusive of Commission charges amounting to Rs. 67,572.

Appendix No. 3—(*Continued.*)

INCOME

Statement showing the Net Receipts during the Financial year 1944-45 from all sources as contrasted with the Original Budget Estimate.

Particulars. 1	Budget Estimate for 1944-45. 2	Revised Estimate for 1944-45. 3	Actuals for 1944-45. 4	Actuals for 1943-44. 5	Compared with the Original Estimate More. 6	Compared with the Original Estimate Less. 7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	2,86,67,067	3,00,55,830	3,08,59,121	2,88,34,924	22,23,476	31,422
6.—Medical Relief and Education.						
A.—Interest realised on donations from the Public ...	4,300	4,300	4,376	4,544	76	...
B.—Miscellaneous—						
(1) Miscellaneous receipts ...	1,200	2,500	5,340	3,241	4,140	...
(2) Miscellaneous fees ...	1,400	3,000	2,601	1,018	1,20	...
(3) Rent of Buildings and Lands ...	3,000	84,500	82,538	4,627	79,538	...
	5,600	90,000	90,479	8,886	84,879	...
C.—Receipts from Gordhandas Sunderdas Medical College ...	1,30,000	1,37,017	1,35,465	1,30,063	5,465	...
D.—Receipts from King Edward Memorial Hospital ...	5,500	8,000	9,799	9,916	4,299	...
E.—Interest realised on Hospital Fund (for Veneral Ward at King Edward Memorial Hospital) ...	16,000	20,000	20,966	17,421	4,966	...
F.—Interest on K. E. M. Hospital and G. S. Medical College Equipment Fund ...	2,500	2,800	3,135	2,161	635	...
G.—Grant-in-aid from Government in respect of Excise Duty etc., for spirituous articles ...	4,000	4,000	15	13,223	...	3,985
	1,67,900	2,66,117	2,64,235	1,86,214	1,00,320	3,985
7.—Street Cleansing and Conservancy, Road Watering and Halalkhore service.						
A.—Halalkhore Tax—@ 3 per cent.						
(1) On Ratable Value ...	38,30,000	39,82,130	41,19,702	39,29,047	2,89,702	...
(2) For Special Service ...	1,80,000	1,81,663	1,82,926	1,92,378	2,926	...
	40,10,000	41,63,793	43,02,628	41,21,425	2,92,628	...
B.—Miscellaneous						
(1) Sale of Rights ...	30,000	82,592	82,468	33,132	52,468	...
(2) Miscellaneous receipts ...	15,000	19,954	19,719	18,707	4,719	...
(3) Miscellaneous fees ...	62,000	73,645	68,775	80,365	6,775	...
(4) Rent of Buildings and Lands ...	65,000	66,293	67,008	66,840	2,008	...
	1,72,000	2,42,485	2,37,970	1,99,044	65,970	...
	41,82,000	44,06,278	45,40,598	43,20,469	3,58,598	...
8.—Roads, Drains and Sewers.						
A.—Wheel Tax and Government contribution in lieu of Tolls—						
(1) Private conveyances ...	11,00,000	14,13,500	14,68,122	13,58,537	3,68,122	...
(2) Public conveyances ...	2,50,000	2,51,200	2,65,665	2,63,452	15,665	...
(3) Contribution from Government in lieu of Tolls ...	25,000	25,000	25,000	25,000	...	...
	13,75,000	16,89,700	17,58,787	16,46,98	3,83,787	...
B.—Ground Rent—						
(1) From Tramway Co. ...	67,000	67,000	66,944	66,944	...	56
(2) From Telephone Co. ...	...	*Dr.* 129	*Dr.* 129	...	...	129
(3) From Private Parties ...	18,000	19,930	26,343	18,526	8,343	...
	85,000	86,801	93,158	85,470	8,343	185
C.—Miscellaneous—						
(1) Miscellaneous receipts ...	86,000	76,763	95,453	1,18,810	9,453	...
(2) Miscellaneous fees ...	30,000	27,600	31,614	27,940	1,614	...
(3) Rent of Buildings and Lands ...	26,000	29,500	23,470	28,890	...	2,530
	1,42,000	1,33,863	1,50,537	1,75,640	11,067	2,530
D.—Interest realised on donations ...	1,850	1,850	2,090	1,862	240	...
	16,03,850	19,12,214	20,04,572	19,09,961	4,03,437	2,715
9.—Mechanical.						
Miscellaneous— Miscellaneous receipts ...	60,000	66,500	69,898	57,273	9,898	...
10.—Buildings, Land Acquisition and Management.						
A.—Sale proceeds of Surplus Land ...	10,00,000	10,00,000	10,00,000	10,00,000	...	...
B.—Rent of Buildings ...	38,000	38,616	39,819	40,942	1,819	...
C.—Ground Rent ...	2,03,000	2,48,046	2,55,440	2,10,169	52,440	...
D.—Miscellaneous—						
(1) Sale of Rights and Miscellaneous Receipts ...	5,000	7,503	12,868	18,223	7,868	...
(2) Miscellaneous fees ...	1,58,000	1,62,125	1,68,700	2,56,303	10,700	...
	14,04,000	14,56,290	14,76,827	15,25,637	72,827	...
Carried forward Rs. ...	3,60,84,817	3,81,63,229	3,92,15,251	3,68,34,478	31,68,556	38,122

Appendix No. 3—(*Concluded.*)

INCOME.

Statement showing the Net Receipts during the Financial year 1944-45 from all sources as contrasted with the Original Budget Estimate.

Particulars. 1	Budget Estimate for 1944-45. 2	Revised Estimate for 1944-45. 3	Actuals for 1944-45. 4	Actuals for 1943-44. 5	Compared with the Original Estimate More. 6	Less. 7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought over Rs. ...	3,60,84,817	3,81,63,229	3,92,15,251	3,68,34,478	31,68,5?6	38,122
11.—Fire Brigade.						
A.—Fire Tax at half per cent.—						
(1) From the Public ...	5,65,300	5,72,960	5,8,5859	5,67,341	20.559	...
(2) From Government ...	17,900	17,901	17,909	17,899	9	...
(3) From Port Trust ...	40,000	40,078	40,078	40,078	78	...
(4) For Improvement Schemes Properties ...	9,500	9,854	14,088	10,020	4,588	...
(5) From Mills ...	33,700	47,722	46,591	42,404	12,891	...
(6) From G. I. P. Railway ...	11,000	11,034	11,035	11,035	35	...
(7) From B.B. & C.I. Railway ...	8,600	8,621	8,523	8,623	...	77
	6,86,000	7,08,170	7,24,033	6,97,400	33,160	77
B.—Miscellaneous— Miscellaneous receipts ...	16,000	20,000	24,511	28,174	8,511	...
	7,02,030	7,28,170	7,48,594	7,25,574	46,671	77
12.—Licensing and Removal of Encroachments on Public Streets.						
A.—Licences for Dangerous and Offensive Trades ...	2,20,000	2,27,640	2,56,263	2,48,775	36,263	...
B.—Removal of encroachment on Public Streets— Licences for Squatters and Hawkers and fees for Removal of Encroachments ...	1,70,000	1,87,390	1,96,112	1,86,545	26,112	...
C.—Grant-in-aid from Government for the Administration of Shops & Establishment Act of 1939. ...	27,500	...	...	43,125	...	27,500
D.—Miscellaneous—						
(1) Miscellaneous reeipts ...	500	630	1,139	968	639	...
(2) Advertisements ...	1,00,000	1,26,900	1,35,560	1,14,738	35,560	...
	1,00,500	1,27,530	1,36,699	1,15,706	36,199	...
	5,18,000	5,42,560	5,89,074	5,94,151	98,574	27,500
13.—Gardens and Open Spaces.						
Miscellaneous—						
(1) Miscellaneous receipts ...	300	897	1,208	387	908	...
(2) Rent of Buildings and Lands ...	1,02,000	1,05,833	1,07,319	51,359	5,319	...
	1,02,300	1,06,730	1,08,527	51,746	6,227	...
14.—Markets and Slaughter Houses.						
Miscellaneous—						
(1) Stall rents ...	3,50,000	3,90,000	4,09,111	3,81,963	59,111	...
(2) Squatters' fees ...	1,70,000	2,00,000	2,28,853	2,09,704	58,853	...
(3) Fair ground and feeding fees ...	2,00,000	2,57,500	2,57,500	2,36,500	57,500	...
(4) Slaughter fees ...	6,75,000	6,50,000	6,58,508	7,21,547	...	16,492
(5) Miscellaneous receipts ...	1,50,000	1,80,000	3,70,975	1,61,207	2,20,975	...
(6) Rent of Buildings and Lands ...	20,000	20,000	23,571	21,793	3,571	...
(7) Cold Storage rent ...	25,000	50,000	65,614	43,565	40,614	...
	15,90,000	17,47,500	20,14,132	17,76,284	4,40,624	16,492
15.—Contribution from Capital Funds to Revenue on account of Loan Works Staff ...	80,000	1,00,000	57,476	66,212	...	22,524
16.—Extraordinary Receipts.						
(*a*) Interest on Net Premia Fund and excess interest on Sinking Fund ...	1,25,000	90,000	1,05,636	1,29,447	...	19,364
b) Transfer from Land Sales Reserve Fund ...	...	...	...	...	...	...
Refund of excess amount paid to the Improvement Schemes Account on account of contribution from the Municipal Corporation ...	...	...	...	...	...	...
17.—Rebate from Government on account of Collection of the Urban Immovable Property Tax in the City ...	1,74,000	1,70,000	1,82,460	1,77,107	8,460	...
18.—Excess accumulation in the Plant and Machinery Depreciation Fund ...	...	...	Dr. 43,534	43,534	...	43,534
Total Income ...	3,93,76,117	4,16,48,199	4,29,77,616	4,03,98,533	37,69,112	1,67,613

J. K. DARUVALA
Chief Accountant.

U. M. MIRCHANDANI.
Municipal Commissioner.

Appendix No. 4.

EXPENDITURE.

Statement showing the Actuals as compared with the Final Grants for 1944-45.

Particulars.		Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45.	FINAL GRANTS COMPARED WITH THE ACTUALS		Actuals for 1943-44.
				Amount required to be renewed in 1945-46.	Savings.	
1		2	3	4	5	6
		Rs.	Rs.	Rs.	Rs.	Rs.
I.—General Supervision, Collection of Revenue, etc.						
A.—General Superintendence						
(*a*) Corporation and Standing Committee	...	1,62,315	1,47,688	11,142	3,485	1,31,480
(*b*) Chief Auditor's Establishment	...	57,732	54,676	500	2,556	56,142
(*c*) Municipal Commissioner's Personal and General Office	...	1,31,150	1,18,236	10,076	2,838	1,16,459
(*d*) Audit and Accounts	...	2,54,311	2,46,622	2,754	4,935	2,46,792
		6,05,508	5,67,222	24,472	13,814	5,50,873
B.—Collection of Revenue—						
(*a*) Property and Wheel Tax Establishment	...	6,64,934	6,57,516	2,562	4,856	6,48,962
(*b*) Town Duty Refund Branch	...	1,52,186	1,31,391	1,557	19,238	1,35,509
		8,17,120	7,88,907	4,119	24,094	7,84,471
C.—Upkeep of Municipal Head Office	...	52,106	40,092	4,884	7,130	33,346
D.—General Stores	...	85,669	83,096	1,485	1,088	76,435
E.—Miscellaneous Charges	...	2,13,085	1,73,125	31,473	8,487	1,14,716
F.—Election Expenses	...	1,13,106	40,830	15,041	57,235	78,293
New Works	...	20,870	12,615	6,636	1,619	10,516
Debt Charges	...	35,975	34,899	6	1,070	36,396
		19,43,439	17,40,786	88,116	1,14,537	16,85,046
Deduct—Proportionate share debitable to Water Works, Fire Brigade, Markets and Improvement Schemes Account and Schools Fund Account	...	5,19,358	4,64,037	19,215	36,106	4,49,535
		14,24,081	12,76,749	68,901	78,431	12,35,511
II.—Water Works.						
A.—Establishment and Labour	...	6,23,871	6,05,786	8,017	10,068	5,85,650
B.—Repairs and Maintenance	...	4,54,817	3,47,477	64,879	42,461	3,28,761
C.—Meters	...	42,540	31,848	9,780	912	27,978
D.—Miscellaneous	...	3,67,303	2,72,099	66,130	29,074	2,43,195
E.—Depreciation	...	4,637	3,779	858	...	3,494
Provident Fund and Pension, etc., charges	...	1,14,450	1,08,685	2,606	3,159	1,10,303
Proportion of General Supervision and Collection of Revenue	...	3,35,633	3,11,878	11,266	12,489	3,02,569
New Works	...	52,628	19,542	25,648	7,438	19,339
Debt Charges	...	55,83,337	54,41,354	1,05,111	36,872	54,21,364
		75,79,216	71,42,448	2,94,295	1,42,473	70,42,653
III.—Education (Primary).						
Municipal Institutions	...	56,09,933	53,41,151	1,75,922	92,860	47,11,373
New Works	...	2,162	...	...	2,162	...
Debt Charges	...	1,66,565	1,63,133	465	2,967	1,64,501
		57.78.660	55,04,284	1,76,387	97,989	48,75,874
IV.—Education (Secondary).						
A.—Victoria and Albert Museum	...	22,039	19,719	1,063	1,257	19,830
B.—Opening New reading Rooms and Libraries	...	30,209	24,640	2,542	3,027	...
Debt Charges	...	465	...	...	465	26,617
		52,713	44,359	3,605	4,749	46,447
V.—Public Health Department.						
A.—General Supervision	...	5,58,489	5,16,911	15,025	26,553	5,19,770
B.—Epidemics	...	47,327	39,001	4,378	3,948	44,721
C.—Vaccination	...	80,724	77,195	1,182	2,347	1,02,550
D.—Malaria	...	2,60,415	2,40,412	6,890	13,113	2,25,043
E.—Miscellaneous—						
(*a*) Cemeteries	...	36,781	26,268	7,965	2,548	19,705
(*b*) Laboratory	...	29,875	23,710	647	5,518	25,699
(*c*) Mahaluxmi Dhobiwada	...	43,185	23,402	19,103	681	39,819
(*d*) Dharmashalas	...	2,004	788	1,119	97	743
(*e*) Destruction of dogs	...	10,593	7,811	300	2,482	6,637
Public Health, Carried over Rs.	...	1069.394	9,55,498	56,009	57,287	9,84,687
Carried over Rs.	...	1,48,34,670	1,39,67,840	5,43,188	3,23,642	1,32,00,485

Appendix No. 4.—(*Continued.*)

EXPENDITURE.

Particulars.	Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45.	Final Grants compared with the Actuals: Amount required to be renewed in 1945-46.	Final Grants compared with the Actuals: Savings.	Actuals for 1943-44.
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	1,48,34,670	1,39,67,840	5,43,188	3,23,642	1,32,00,485
Public Health—Brought forward ...	10,69,394	9,55,498	56,609	57,287	9,84,687
F.—Medical Inspection of School children including the Dental Clinic ...	45,560	41,452	497	3,611	40,509
G.—Propoganda for Public Health ...	15,914	8,395	4,443	3,076	11,144
H.—Supply of milk to the undernourished needy children attending Municipal Schools ...	1,21,779	88,149	18,185	15,445	...
I.—Licensing of Dogs ...	21,363	19,078	1,428	857	...
New Works ...	21,201	5,801	10,304	5,096	6,962
Debt Charges ...	56,402	55,472	347	583	47,581
	13,51,613	11,73,845	91,813	85,955	10,90,883
VI.—Medical Relief and Education.					
A.—Hospitals and Maternity Homes—					
(*a*) King Edward Memorial Hospital ...	11,07,954	8,71,701	1,80,873	55,380	8,27,327
(*b*) Infectious Diseases Hospitals ...	4,70,488	3,81,765	62,294	26,429	4,23,943
(*c*) Maternity Homes ...	1,75,221	1,46,648	15,608	12,965	1,45,931
(*d*) Turner Sanitorium ...	1,10,994	84,508	20,772	5,714	88,327
(*e*) Ramesh Premchand Hospital ...	10,674	10,674	...	...	...
	18,75,331	14,95,296	2,79,547	1,00,488	14,85,528
B.—Dispensaries—					
(*a*) Dispensaries for out-patients ...	1,17,003	1,05,054	4,922	7,027	1,08,747
(*b*) Anti-Tuberculosis Dispensaries ...	39,341	36,160	540	2,641	35,614
(*c*) Dispensary for combating Veneral Diseases ...	45,053	41,887	562	2,604	44,505
	2,01,397	1,83,101	6,024	12,272	1,88,866
C.—Medical and Nursing Assistance to Poor People in their Houses ...	600	13	...	587	29
D.—Gordhandas Sunderdas Medical College ...	2,87,530	2,62,375	11,966	13,189	2,66,384
E.—Statutory Contribution to Government Medical Institutions ...	4,14,500	4,14,500	...	...	4,14,500
New Works ..	1,14,308	59,117	32,994	22,197	3,589
Debt Charges ...	4,62,124	4,55,455	3,978	2,691	4,53,876
	33,55,790	28,69,857	3,34,509	1,51,424	28,12,772
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.					
A.—Street Cleansing and Conservancy—					
(*a*) Superintendence and Inspection ...	2,12,351	2,03,082	3,958	5,311	2,09,221
(*b*) Veterinary ...	32,344	29,603	287	2,454	31,494
(*c*) Street Cleansing and Sanitation—					
(*a*) Scavengering ...	12,03,335	11,61,500	21,625	20,210	11,66,706
(*b*) Road Scraping ...	87,070	81,009	1,686	4,375	83,532
(*d*) Gully Flushing ...	1,27,082	1,19,282	3,362	4,438	1,19,368
	16,62,182	15,94,476	30,918	36,788	16,10,321
(*e*) Removal of Town Refuse to Tardeo for transport to Deonar—					
(1) Bullock Traction ...	4,52,007	3,59,312	62,801	29,894	3,53,138
(2) Incineration ...	10,969	7,959	65	2,945	683
(3) Loading Siding ...	1,41,048	1,09,185	25,907	5,956	1,55,120
	6,04,024	4,76,456	88,773	38,795	5,08,941
(*f*) Miscellaneous ...	1,14,014	1,03,292	9,247	1,475	1,02,817
	23,80,220	21,74,224	1,28,938	77,058	22,22,079
B.—Transport of refuse, etc., to Deonar ...	2,94,159	2,47,986	39,050	7,123	2,64,465
C.—Road Watering ...	20,344	17,412	60	2,872	16,859
D.—Halalkhore Service—					
(*a*) Cleansing and Sanitation ...	2,23,360	2,10,376	3,888	9,096	2,18,366
(*b*) Bullock Traction ...	74,457	57,966	1,904	14,587	41,651
(*c*) Miscellaneous ...	1,26,151	78,456	19,267	28,428	71,638
	4,23,968	3,46,798	25,059	52,111	3,31,655
New Works ...	31,796	10,212	14,086	7,498	3,967
Debt Charges ...	4,05,287	3,93,441	9,076	2,770	3,80,411
	35,55,774	31,90,073	2,16,269	1,49,432	32,19,436
Carried over Rs. ...	2,30,97,847	2,12,01,615	11,85,779	7,10,453	2,03,23,576

Appendix No. 4—(*Continued.*)

EXPENDITURE.

Particulars. 1	Final grants sanctioned for expenditure during 1944-45. 2	Actuals for 1944-45. 3	Final Grants compared with the Actuals: Amount required to be renewed in 1945-46. 4	Final Grants compared with the Actuals: Savings. 5	Actuals for 1943-44. 6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	2,30,97,847	2,12,01,615	11,85,779	7,10,453	2,03,23,576
VIII.—Roads, Drains and Sewers.					
A.—General ...	1,73,937	1,54,856	3,014	16,067	1,49,697
B.—Maintenance of Roads ...	16,05,219	14,74,236	49,150	81,833	9,88,625
C.—Public Lighting ...	10,66,061	8,79,490	20,595	1,65,976	9,30,914
D.—Cleansing of Drains and Sewers and Street connections ...	4,21,899	3,86,348	20,795	14,756	3,48,097
E.—Rebate on account of the compounded Wheel Tax ...	1,02,107	59,881	500	41,726	1,00,606
	33,69,223	29,54,811	94,054	3,20,358	25,17,939
New Works ...	63,119	27,978	22,435	12,706	22,910
Debt Charges ...	36,06,299	34,85,052	81,137	40,110	35,05,263
	70,38,641	64,67,841	1,97,626	3,73,174	60,46,112
IX.—Mechanical.					
A.—Mechanical Engineer's Office Establishment ...	77,040	74,588	1,007	1,445	76,046
B.—Pumping Compressor Stations—					
(*a*) Inspection and Supervision— ...	13,441	13,363	6	72	13,677
(*b*) Pumping Stations in the City—					
(*i*) Pumping Station, Love Grove ...	1,96,100	1,72,533	13,509	10,058	1,56,832
(*ii*) Pumping Station, Parel, Poibavdi ...	4,352	4,280	6	66	4,204
(*iii*) Pumping Station, Arthur Road ...	7,015	5,147	18	1,850	6,698
(*iv*) Pumping Station, Sewri ...	5,409	4,665	18	726	4,254
(*v*) Pumping Station, Tank Bunder ...	7,884	6,503	86	1,295	6,580
(*vi*) Pumping Station, Matunga ...	44,055	35,625	2,515	5,915	31,619
(*vii*) Pumping Station, Mahim ...	20,007	18,567	25	1,415	18,895
(*viii*) Pumping Station, Sion-Koliwada ...	3,249	2,330	15	904	2,156
(*ix*) Pumping Station, Sewri-Wadala No. 1 ...	5,868	4,281	98	1,489	3,083
(*x*) Do. No. 2 ...	8,926	4,398	2,039	2,489	4,268
(*xi*) Pumping Station, Jacob Circle ...	22,098	19,064	18	3,016	36
(*xii*) Pumping Station, Dharavi ...	5,028	3,417	12	1,599	4,074
(*c*) Purification Works ...	1,75,862	1,32,754	18,435	24,673	1,23,784
(*d*) Compressor Stations in the City—					
(*i*) Compressor Station, Colaba ...	47,702	41,534	2,421	3,747	36,918
(*ii*) Compressor Station, Victoria Gardens, Fergusson Road and Warden Road ...	1,52,229	1,43,425	1,886	6,918	1,39,246
(*e*) Flood Gates ...	7,750	7,589	7	154	5,121
	7,26,975	6,19,475	41,114	66,386	5,61,445
C.—Supervision of Factories, Workshops and Workplaces ...	8,304	7,795	...	509	11,314
D.—Transport—					
(1) Inspection and Supervision ...	20,353	20,053	18	282	18,940
(2) Upkeep of Motor Cars of His Worship the Mayor, Committee Members and the Municipal Commissioner—					
(1) Upkeep of Motor Car of His Worship the Mayor ...	6,533	6,098	...	435	2,838
(2) Upkeep of Motor Car of the Committee Members ...	1,475	1,348	...	127	1,678
(3) Upkeep of Motor Car of the Municipal Commissioner ...	4,145	3,704	...	441	3,460
(3) Upkeep of S. S.'s Motor ...	1,918	833	...	1,085	1,042
(4) Upkeep of H. O.'s Motor ...	5,156	4,843	25	288	4,507
(5) Upkeep of Motor Hearses ...	9,785	9,596	...	189	8,047
(6) Upkeep of Motor Ambulances ...	18,931	18,005	3	923	16,528
(7) Removal of Town Refuse to Tardeo for Transport to Deonar ...	6,41,754	6,21,194	1,917	18,643	5,57,582
(8) Upkeep of motor silt wagons ...	29,515	24,001	200	5,314	22,603
(9) Halalkhore service ...	39,074	37,426	...	1,648	37,200
(10) Removal of Encroachments on Public Streets ...	11,735	10,526	...	1,209	11,606
(11) Markets and Slaughter Houses—					
(1) Disposal of offal ...	25,818	22,691	...	3,127	22,945
(2) Meat carriage ...	1,11,556	1,08,083	5	3,468	1,13,545
(12) Maintenance of Oil Filter ...	750	459	...	291	...
	9,28,498	8,88,860	2,168	37,470	8,22,521
	17,40,817	15,90,718	44,289	1,05,810	14,71,326
E.—Refrigerator ...	25,738	22,214	40	3,484	22,666
F.—Oiling and Greasing Surplus Machinery ...	100	...	...	100	...
New Works ...	19,665	...	2,959	16,706	1,697
Debt Charges ...	1,76,437	1,61,206	5,563	9,668	1,62,719
	19,62,757	17,74,138	52,851	1,35,768	16,58,408
Carried over Rs. ...	3,20,99,245	2,94,43,594	14,36,256	12,19,395	2,80,28,096

Appendix No. 4—(*Concluded.*)

EXPENDITURE.

Particulars. 1	Final grants sanctioned for expenditure during 1944-45. 2	Actuals for 1944-45. 3	Final Grants compared with the Actuals: Amount required to be renewed in 1945-46. 4	Final Grants compared with the Actuals: Savings. 5	Actuals for 1943-44. 6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	3,20,99,245	2,94,43,594	14,36,256	12,19,395	2,80,28,096
X.—Buildings, Land Acquisition and Management.					
A.—City Engineer's Central Office Establishment ...	1,13,410	1,10,985	601	1,824	1,00,401
B.—Inspection and Supervision of Private Buildings ...	2,46,303	2,32,603	3,505	10,195	2,36,537
C.—Architectural ...	82,292	70,906	546	10,840	71,786
D.—Land Acquisition and Management ...	77,288	54,906	11,363	11,019	61,878
	5,19,293	4,69,400	16,015	33,878	4,70,602
Deduct—Proportionate share of cost of Establishment, and Supervision chargeable to Improvement Schemes	30,600	7,657	...	22,943	9,327
	4,88,693	4,61,743	16,015	10,935	4,61,275
New Works ...	6,206	67	6,139	...	93
Debt Charges ...	18,30,794	18,13,102	16,738	954	18,04,517
	23,25,693	22,74,912	38,892	11,889	22,65,885
XI.—Fire Brigade.					
Maintenance ...	4,20,450	3,22,124	66,991	31,335	3,14,297
Provident Fund and Pension, etc., charges ...	1,44,090	1,07,775	36,010	305	91,482
Proportion of General Supervision and Collection of Revenue ...	27,513	25,607	903	1,003	24,855
New Works ...	1,063	37	...	1,026	399
Debt Charges ...	74,823	74,295	3	525	70,201
	6,67,939	5,29,838	1,03,907	34,194	5,01,234
XII.—Licensing and Removal of Encroachments on Public Streets.					
A.—Licensing Establishment ...	1,03,275	1,00,612	922	1,741	1,02,781
B.—Removal of Encroachment on Public Streets ...	50,869	48,871	1,085	913	46,140
C.—Administration of Shops and Establishment Act 1939 ...	50,890	48,287	461	2,142	47,998
New Works ...	1,414	50	1,149	215	...
	2,06,448	1,97,820	3,617	5,011	1,96,919
XIII.—Gardens and Open Spaces.					
A.—Gardens—					
(*a*) Victoria Gardens ...	1,73,073	1,62,918	4,297	5,858	1,32,637
(*b*) Miscellaneous Gardens, Open Spaces, Band Stands, etc. ...	66,488	53,877	11,170	1,441	48,078
	2,39,561	2,16,795	15,467	7,299	1,80,715
B.—New Gardens, Recreation Grounds, etc. ...	21,963	6,774	681	14,508	5,993
New Works ...	27,935	9,797	17,640	498	8,760
Debt Charges ...	2,16,228	2,16,017	192	19	2,16,011
	5,05,687	4,49,383	33,980	22,324	4,11,479
XIV.—Markets and Slaughter Houses.					
A.—Markets and Slaughter Houses—					
(*a*) Central Office ...	39,483	38,654	10	819	40,943
(*b*) Municipal Markets ...	2,17,453	1,79,399	20,209	17,845	2,07,522
(*c*) Slaughter Houses ...	2,72,902	2,49,689	14,648	8,565	2,59,320
	5,29,838	4,67,742	34,867	27,229	5,07,785
Provident Fund and Pension, etc., charges ...	34,750	28,787	650	5,313	25,369
Proportion of General Supervision ...	27,224	22,924	2,100	2,200	21,576
New Works ...	28,081	4,963	14,962	8,156	5,988
Debt Charges ...	1,96,334	1,95,213	...	1,121	1,94,873
	8,16,227	7,19,629	52,579	44,019	7,55,591
XV.—Contribution towards Improvement Schemes ...	27,26,785	27,26,785	...	...	26,26,997
XVI.—Provident Fund, Pensions, Gratuities and Compassionate Allowances.					
A.—Provident Fund ...	4,87,000	4,74,606	...	12,394	4,70,802
B.—Pensions, Gratuties, etc. ...	7,07,500	6,38,452	16,000	53,048	6,21,962
	11,94,500	11,13,058	16,000	65,442	10,92,764
XVII.—Urban Immovable Property Tax (on Municipal Properties in the City) ...	56,969	46,328	500	10,141	49,675
XVIII.—Dearness Allowance ...	35,34,840	34,60,430	21,943	52,467	24,45,180
XIX.—Grants-in-aid to Public Institutions ...	3,39,316	2,63,574	68,800	6,942	3,39,515
XX.—Measures for Civil Defence ...	2,52,654	69,936	36,526	1,46,192	3,81,622
XXI.—Extraordinary measures—Removal of debris etc. from the fallen Building at Jamshedji Tata Road ...	...	...	...	...	1,492
Total ...	4,47,26,303	4,12,95,287	18,13,000	16,18,016	3,90,96,449

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

APPENDIX No. 4A.

Statement showing the actuals for Measures for Civil Defence as Compared with the Final Grants for 1944-1945.

Item	Particulars.	Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45.	Final grants compared with the Actual: Amount required to be renewed during 1945-46.	Final grants compared with the Actual: Savings.	Actuals up to 31-3-44.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ARTICLE I	Rs.	Rs.	Rs.	Rs.	Rs.
	(Government will bear the entire cost of the following items):					
(i)	Staff appointed to work out the Water Rationing Scheme ...	...	...			15,922
(ii)	(1) Provision of static tanks for fire-fighting purposes ...	6,820	Cr. 12			3,15,039
	(2) Maintenance and upkeep of static tanks ...		...			536
	(3) Compensation for lands requisitioned for static tanks ...		6,060			29,623
	(4) Raising the existing barbed wire fencing etc., of static tanks		158			8,198
	(5) Sign boards for Static Tanks ...		...			5,197
	Total ...	6,820	6,206			3,58,593
(iii)	*Organisation of Rest Camps.*					
	Under City Engineer.					
	(1) Construction of blast and splinter proof walls ...	6,000	Cr. 744			17,444
	Under Director of Rest Camps.					
	(2) Cost of Rest Camps ...		Cr. 612			16,214
	Total ...	6,000	Cr. 1,356			33,658
(iv)	AUXILIARY FIRE SERVICE					
	Under City Engineer.					
	(1) Construction of blast and splinter proof walls ...	92,432	511			40,730
	(2) Providing electric lights, etc., at Byculla Terrace ...		...			4
	(3) Colour washing at Byculla Terrace ...		...			1
	(4) Construction of R.C.C. Cisterns for drill purposes at Naigaum Fire Brigade Station at an estimated cost of Rs. 628 (proportionate cost provided here) ...		...			...
	(5) Asbestos sheets for A.R.P. sheds ...		Cr. 278			1,008
	(6) Structural protection to the buildings requisitioned for A.F.S. personnel at (1) Shivaji Park; (2) Chawl No. 7, Tejukaya Estate; (3) Byculla Terrace, Haines Road; (4) Tardeo Mansion No. II, Chakti Wadi and (5) Boyce House, Gowalia Tank ...		...			799
	(7) Providing a stand-post hydrant at Chaktiwadi, Tardeo ...		...			165
	(8) Providing bamboo matting to A.F.S. shed at Memonwada and Naigaum		170			482
	(9) Water fittings at A.F.S. garrages at Shivaji Park, Naigaum and Byculla. ...					1,661
	(10) Construction of a Motor garrage at Colaba Market ...					793
	(10) *a* Construction of a temporary structure to accomodate vehicles of A.F.S. ...		5,813			
	Under O.C.F.S.					
	(11) Cost on account of recurring charges of Auxiliary Fire Service staff ...		63,038			1,72,428
	(12) Cost in connection with compensation payable for premises requisitioned for accommodating fire appliances and crews		Cr. 44			
	(13) Cost of separate Telephone line installed at the Central Fire Brigade Station at Byculla at an estimated cost of Rs. 192 (Moiety of cost provided here) ...		...			96
	(14) Cost of deputation of the O. C. F. S. in connection with his visit to Calcutta ...		...			449
	(15) Rent of Byculla Terrace ...		1,125			3,111
	Total ...	92,432	70,335			2,21,727
(v)	Rescue Service ...	...	...			...
(vi)	Provision of extra beds at hospitals (including K.E.M. Hospital) ...	...	...			688
(vii)	Supply and distribution of sand bags ...	5,250	1,282			49,337
(viii)	Survey for the purpose of giving advice to owners regarding protection of private buildings ...	...	...			1,36,545
(ix)	Fire Brigade equipment ...	...	...			...
(x)	Provision of aids to movement in darkened streets ...	3,75,000	12,747			2,96,992
(xi)	Civilian war deaths organization and recording and notification of casualties ...	...	...			...
(xii)	First Aid Posts—					
	(1) Construction of blast and splinter proof walls ...	...	18			5,619
	(2) First Aid Post for animals and store-room for A.R.P. equipments at Bandra Slaughter House ...					...
	(3) Construction of a temporary garage for the First Aid Mobile post at the K.E.M. Hospitals ...					2,273
	(4) Sand bags walling for first-aid posts on behalf of Government					...
	Total ...	...	18			7,892
	Article I—Carried over ...	4,85,502	89,232			11,21,354

Appendix No. 4A—(*contd.*)

Measures for Civil Defence.

	Particulars.	Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45	Final Grants Compared with the Actuals. Amount required to be renewed in 1945-46	Savings	Actuals up-to 31-3-44
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	4,85,502	89,232			11,21,354
(*xiii*)	Ambulance vehicles, etc. (convoys) ...	...	...		...	...
(*xiv*)	Evacuation ...	...	...		...	20,004
(*xv*)	Miscellaneous works carried out on behalf of Government—					
	(*a*) Protection of Warden's Post, distribution of materials, such as A.R.P. Hints, Boards, etc. ...	640	...			17,152
	(*b*) Construction of blast and splinter proof walls at C.I.T. Quarters occupied by Police ...	800	*Cr.* 162			8,532
	(*c*) Cost on account of running trolley placed at the disposal of District Superintendent of Police, Bombay Suburban District in connection with safeguarding the City's water supply ...	2,400	...			2,907
	(d) Providing Fire breaks	...	...			352
	(*e*) Providing feeding, etc., arrangements to the destitutes from Bengal. ...	...	...	...	...	15,402
	(*f*) Supply of information regarding deaths in the City to the Controller of Rationing ...	...	924	...	...	901
	Total ...	3,840	762	...	..	45,246
(*xvi*)	Fire Watching Organisation ...	1,70,122	...	...	...	2,11,494
	Total—Article I ...	6,59,464	89,994	...	...	13,98,098
	ARTICLE II					
	(*The Municipality will bear the entire cost of the following items*)					
(*i*)	Protection of Municipal property, except water supply, sewerage and fire stations "Municipal Property" includes buildings of which the Municipality is the landlord in so far as it is liable qua landlord—					
	(1) Construction of blast and splinter proof walls ...	...	*Cr.* 4,974	...	4,974	2,15,955
	(2) Providing silt trenches at Victoria Gardens ...	...	...	...	...	266
	(3) Extra-allowance to peons in City Engineer's Department	...	...	...	...	48
	(4) Cost of staff appointed in Chief Accountant's Department.	3,119	3,117	...	2	13,094
	(5) Cost of a Head Clerk's post in Architectural Branch ...	...	...	...	...	1,628
	(6) A.R.P. Measures at Municipal Schools ...	...	...	...	...	1,905
	(7) Construction of baffle walls, etc., for Municipal buildings let to tenants and Municipal Markets, Schools, etc. ...	...	...	...	...	4
	(8) War Risk Insurance in respect of Municipal Plant and Machinery ...	20,990	20,985	...	5	82,846
	(9) Telephone Attendants at Ward Offices ...	100	...	...	100	26,495
	(10) Special pay to Temporary Assistant Engineer, II Grade (A.R.P.) ...	...	...	...	...	1,129
	(11) Labour on A.R.P. works ...	3,000	2,503	...	497	74,850
	(12) Clothing for 25 drivers provided under labour above ...	...	...	...	...	...
	(13) Contingencies (Printing, Stationery, etc.) ...	345	...	...	345	133
	(14) Special pay to Telephone Operator at M.C's. Office ...	...	...	...	...	...
	(15) War Injuries Insurance in respect of Municipal employees	...	...		...	7,025
	(16) Overtime allowance to H.E's. staff for attending A.R.P. rallies. ...	...	...	...	...	...
	Cost of a Special Clerk under A.E. Arch. ...	980	980	...	...	53
	Total ...	28,534	22,611	...	5,923	4,25,431
(*ii*)	Materials including plant equipment (excluding fire brigade equipment) which will be of use to the Municipality after the termination of the war, whether or not it costs more to purchase at the present time—					
	(1) Protection of sewerage system—					
	(*a*) Materials ...	...	*Cr.* 13,753	...	13,753	44,661
	(*b*) Purchase of coal ...	...	...	...	...	...
	(*c*) Machinery for Compressor Stations ...	...	...	...	...	20
	(2) Protection of City's Water Supply (out of the Revised Estimates of Rs. 5,03,915) ...	...		...	...	10,938
	(3) Transport scheme ...	27,000	13,208	...	13,792	1,058
	(4) Purchase of Safe for keeping documents ...	...	...	...	...	1,705
	(5) Purchase of materials from Messrs. Shivlal & Chimanlal...	...	...	...	...	7,809
	(6) Purchase of typewriter for Hydraulic Engineer's Department ...	...	...	...	...	575
	(7) Purchase of two pieces of hose pipes for petrol pump ...	...	...	...	...	2,230
	(8) Purchase of empty drums for storing petrol ...	...	...	...	...	800
	(9) Purchase of 3 H.P. Motors for Dadar Purification Works ...	...	...	...	...	2,145
	(10) Supply of petrol tanks and mounting them on chassis ...	...	...	...	...	7,050
	(11) A.R.P. requirements at K.E.M. Hospital ...	...	...	...	...	19,306
	(12) Purchase of 100 cycles ...	...	...	...	...	4,604
	(13) Purchase of additional 100 cycles and stirrup pumps ...	...	*Cr.* 11,152	...	11,152	8,193
	(14) Cost of 800 hobblers for securing animals ...	...	...	...	...	...
	(15) Purchase of crowbars for Victoria Gardens ...	...	...	...	...	201
	(16) Scantling for lions' cages at Victoria Gardens ...	...	...	...	..	...
	Total ...	27,000	*Cr.* 11,697	...	38,697	1,11,295
	Article II—Carried over ...	55,534	10,914	...	44,620	5,36,726
	Carried over ...	6,59,464	89,994	...	...	13,98,098

Appendix No. 4A—(*Continued.*)

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45.	FINAL GRANTS COMPARED WITH THE ACTUALS. Amount required to be renewed in 1945-46.	Savings.	Actuals up to 31-3-1944.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	6,59,464	89,994	...	...	13,98,098
	Article II—Brought forward ...	55,534	10,914	...	44,620	5,36,726
(iii)	Equipment of Municipal personnel, *e.g.*, steel helmets, respirator badges, etc.— *Under City Engineer.*					
	(1) Steel helmets, replacing damaged badges and embossing Municipal Crest Dye on badges, etc. ... *Under Hydraulic Engineer.*	...	...	...	...	48,836
	(2) 1,300 Armlets, etc., for the Hydraulic Engineer's staff ...	...	...	...	...	521
	Total ...	...	...	...	...	49,357
(iv).	Lighting restrictions ...	...	...	...	...	...
(v)	Measures for the protection of Municipal staff, excluding structural protection and rent of buildings requisitioned for the period of the war in connection with Municipal purposes, *e.g.*, for housing Municipal staff ...					
	(1) Conveyance charges to Municipal officers for taking First Aid Classes ...	...	...	...	...	6
	(2) Rent payable on account of occupation of Byculla Terrace and Vazir Building.	3,900	2,925	975	...	7,427
	(3) Structural protection to quarters occupied by Fire Brigade crews. ...	...	...	...	...	4,682
	(4) Cost of A.R.P. sheds ...	...	...	...	...	506
	(5) Cost of 5,000 A.R.P. sheds ...	...	...	...	...	1,250
	(6) Providing foods, etc., arrangement to Municipal staff of essential service.	...	*Cr.* 627	...	627	1,607
	Total ...	3,900	2,298	975	627	15,478
	Total—Article II ...	59,434	13,212	975	45,247	6,01,561
	ARTICLE III *(Government and the Municipality will share equally the cost of the following items, excluding vide Article II (ii); the cost of certain plant and equipment which will be of use to the Municipality after the war).*					
(i)	Structural protection of water supply—					
	(1) Structural protection of vital structures (out of the revised estimates of Rs. 5,03,915) ...	100	*Cr.* 321	...	260	49,604
	(2) Recurring charges (out of the revised estimates of Rs. 5,03,915) ...	3,610	2,019	...	845	1,00,892
	(3) Extra allowance to employees of water works for A.R.P. work outside office hours during March and April 1942 ...	...	...	...	...	27
	Total ...	3,710	1,698	...	1,105	1,50,523
(ii)	Structural protection of sewerage—					
	(1) Protective measures at pumping, etc., stations (construction of blast and splinter proof walls out of the estimates of Rs. 5,68,560) ...	...	*Cr.* 139	...	70	25,852
	(2) Bye-pass connections (out of the estimates of Rs. 5,68,560)	...	...	...		3,903
	(3) Establishment cost on account of Telephone Attendants at Municipal Workshops ...	...	...	...	...	1,308
	Total ...	...	*Cr.* 139	...	70	31,063
(iii)	Structural protection of Fire Brigade Stations—					
	(1) Protective works against blasts and splinters ...	...	*Cr.* 366	...	183	21,868
	(2) Cost of a separate telephone exchange line installed at Central Fire Brigade Station at a cost of Rs. 192 (moiety of cost provided here) ...	350	327	...	12	423
	Total ...	350	*Cr.* 39	...	195	22,291
(iv)	Structural protection and rent of buildings requisitioned for the period of the war in connection with Municipal purposes, *e.g.*, for housing Municipal staff—					
	(1) The scheme of protection of City's water supply (out of the revised estimates of Rs. 5,03,915) ...	...	...	...	...	28,914
	(2) Construction of blast and splinter proof walls ...	400	*Cr.* 1,681	...	1,240	1,69,202
	(3) Rent of premises requisitioned for O.C.F.S. ...	3,600	3,517	...	42	6,404
	(4) Purchase of food-grains for Labour Camps in case of emergency ...	...			...	1,608
	(5) Rent of buildings, etc., requisitioned ...	2,77,686	75,854	34,551	60,708	4,98,200
	(6) Rent of telephone at Labour Camps and at the residences of Municipal Officials ...	328	231	...	48	9,196
	(7) Staff to supervise the buildings requisitioned ...	...	...	...	...	...
	(8) Cost on account of occupation of 3 stations at (1) Shivaji Park; (2) Supari Baug and (3) Tardeo by A.F.S. and B.F.B. staff and equipment, etc.	4,290	4,132	...	105	14,645
	(9) Repairs to Byculla Terrace ...	...	...	...	...	1,116
	Total ...	2,86,304	82,053	34,551	62,143	7,29,285
	Article III—Carried over ...	2,90,364	83,573	34,551	63,513	9,33,162
	Carried over ...	7,18,898	1,03,206	975	45,247	19,99,659

Appendix No. 4A—(*Concluded.*)

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45.	Final grants compared with the Actuals: Amount required to be renewed in 1945-46.	Final grants compared with the Actuals: Savings.	Actuals up to 31-3-44.
(1)	(2)	(3)	(5)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	7,18,898	1,03,206	975	45,247	19,99,659
	Article III—Brought forward ...	2,90,364	83,573	34,551	63,513	9,33,162
(*v*)	Water Rationing Scheme, excluding (*vide* I(*i*) the cost of the staff appointed to work out the scheme) ...	38,206	35,444	1,000	381	98,248
(*vi*)	Camouflage schemes for water supply undertakings ...	...	...	...	...	...
(*vii*)	Opening and sinking of wells—					
	Under Health Officer.					
	(1) Examination of samples and treatment of well water ...	63,100	...	...	32,550	86,326
	Under Hydraulic Engineer.					
	(2) Opening and sinking tube wells as per details below—					
	(*a*) Construction of pump cabins ...	...	...	...	...	10,686
	(*b*) Purchase of 10 pumping sets (Rs. 5,750) and construction of 10 storage tanks (Rs. 27,000) ...	...	*Cr.* 5,750	...	2,875	32,750
	(c) Provision of electrical service connections ...	...	...	...	...	2,376
	) Opening of existing closed wells including establishment ...	2,217	379	...	1,527	4,55,847
	(*e*) Sinking tube wells including establishment ...	...	...	...	...	34,848
	(*f*) Dewatering of wells including establishment ...	...		...	...	33,498
	(*g*) Provision of sign boards for location of wells ...	...	...	...	...	9,375
	(*h*) Excavating of additional 60 closed wells in the City ...	...	...	...	...	1,36,413
	(*i*) Work of removal of surplus debris from reopened wells ...	...	...	...	...	12,768
	Total ...	65,317	*Cr.* 5,371	...	36,952	8,14,887
(*viii*)	Prevention of spread of epidemics arising out of damage by air raids to sanitary services ...	...	...	...	...	...
(*ix*)	Corpse disposal ...	...	*Cr.* 196	...	99	10,844
(*x*) (*xi*) (*xii*)	Clearance of debris ... Repairs of slightly damaged buildings ... Extensive demolitions and demolitions involving the use of explosives.	...	...	...	...	178
	Total—Article III ...	3,93,887	1,13,450	35,551	1,00,945	18,57,319
	Total ...	11,12,785	2,16,656	36,526	1,46,192	38,56,978

SUMMARY

	Final Grants		Actuals		Balance		Municipality.	
	Government	Municipality	Government	Municipality	Government	Municipality	Amount required to be renewed in 1945-46	Savings.
	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.
Article I	6,59,464	...	89,994	...	5,69,470	...	...	...
Article II	...	59,434	...	13,212	...	46,222	975	45,247
Article III	2,00,667	1,93,220	56,726	56,724	1,43,941	1,36,496	35,551	1,00,945
Total ...	8,60,131	2,52,654	1,46,720	69,936	7,13,411	1,82,718	36,526	1,46,192

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 5.

Revenue Account Balance Sheet as at 31st March 1945.

LIABILITIES.	Rs.
Debts—	
Due on Cash Bills Outstanding Account ...	39,628
" Cheques payable ...	9,58,505
" Stores purchased, Outstanding Accounts ...	2,40,669
" Outstanding Charges for 1944-45 and previous years ...	18,13,000
" Outstanding Charges on account of Interest accrued but not paid (*Vide* details shown in Appendix No. 14-E) ...	10,51,864
Improvement Schemes—	
Contribution falling due in 1944-45 ...	27,69,580
Deposits in Cash and Public Securities from Contractors and private parties (*Vide* details shown in Appendix No. 14-C)...	1,06,34,346
	1,75,07,592
Public Monuments Maintenance Fund (*vide* details shown in Appendix No. 16-B) ...	1,70,631
Endowments Fund (*vide* details shown in Appendix No. 16-C)	3,38,910
	5,09,541
Stock Account—	
Capital Purchases Account, etc. ...	*Dr.* 73,442
Stock Adjustment Account ...	27
	Dr. 73,415
Special Funds as at 31st March 1945—	
Fire and Accident Insurance Fund ...	12,29,065
Net Premia Fund ...	47,24,890
Provident Fund ...	2,37,06,981
Fines Fund ...	5,55,946
Plant and Machinery Depreciation Fund ...	17,43,785
Renewal of Road Surfaces Fund ...	29,12,391
Garden Fund ...	97,544
Hospital Fund ...	6,98,508
Land Sales Reserve Fund ...	19,95,850
Slum Service Fund ...	1,75,309
K. E. M. Hospital and G. S. M. College Equipment Fund	1,14,504
G. S. M. College and K. E. M. Hospital Research Fund ...	68,687
Precast Concrete Slab Pavements Renewal Fund ...	48,325
Fidelity Guarantee Insurance Fund ...	19,913
	3,80,91,6?8
Carried Forward ...	5,60,35,416

ASSETS.	Rs.
Cash at Bank ...	58,45,317
Cash in Office ...	2,91,853
Municipal Loans—Interest warrants Payable Account ...	28,162
B. I. Trust Loans—Interest warrants Payable Account ...	8,443
Interest on B. I. Trust Loans Payable Account ...	17,629
	61,91,404
Debts—	
Due for Stores sold ...	34,488
Stock—(*Vide* Appendix No. 14-D)	
Stock (Reserve Stores) ...	9,41,034
Line Suspense Account ...	86,666
	10,27,700
Capital Stores—	
Stock ...	2,51,825
...	12,79 525
Plant and Machinery ...	20,36,033
Advances, Recoverable—(*Vide* Appendix No. 14-A)	
Departmental Works ...	4,75,727
Private Works ...	2,60,914
Asphalt Plant Crushers, etc. ...	2,38,017
Municipal Officers ...	26,251
Sundries—Miscellaneous—Advances ...	2,99,127
Municipal Tenderers, Contractors, etc. ...	30,117
Purchase of Coal ...	14,072
Purchase of Petrol ...	7,665
	13,51,890
Advances out of Special Funds-(*Vide* Appendix No. 14-B)	
Advances from Plant and Machinery Depreciation Fund for Purchase of Plant and Machinery ...	68,064
Levelling, Metalling etc., Private Streets ...	56,728
Amount advanced from Fines Fund to N. Coombs, Esq., O.C.F.S., for conducting a grain store at Byculla for Fire Brigade Staff ...	5,000
Advances to lowpaid Municipal employees out of Fines Fund ...	3,798
Amount advanced from Net Premia Fund for the purchase of Plant and Machinery for the Municipal Printing Press	1,39,912
Advance for meeting Capital Expenditure from :—	
Municipal Fire and Accident Insurance Fund ...	3,79,769
Plant and Machinery Depreciation Fund ...	9,84,158
Renewal of Road Surfaces Fund ...	8,23,595
Net Premia Fund ...	16,27,702
Land Sales Reserve Fund ...	19,95,850
	60,84,576
Deposits in Public Securities—	
With the Imperial Bank of India ...	9,12,800
In Office ...	5,95,200
	15,08,000
Carried Forward ...	1,84 85,916

Appendix No. 5.—(*Concluded.*)

LIABILITIES.	Rs.	ASSETS.	In securities.	Deposits in Cash, Fixed & Current a/c.	Rs.
Brought forward ...	5,60,35,416	Brought forward ...			1,84,85,916
Surplus Revenue Fund as per Appendix No. 2. ...	1,05,26				
		Investments—Special Funds.*	Rs.	Rs.	
		Municipal Fire and Accident Insurance Fund ...	8,48,950	346	8,49,296
		Net Premia, etc., on different Municipal Loans ...	4,28,544	25,28,732	29,57,276
		Provident Fund ...	2,37,06, 32	349	2,37,06,981
		Fines Fund ...	5,46,918	230	5,47,148
		Plant and Machinery Depreciation Fund ...	6,34,653	182	6,34,835
		Renewal of Road Surfaces Fund ...	20,88,544	253	20,88,797
		Garden Fund ...	97,338	206	97,544
		Hospital Fund ...	6,98,287	221	6,98,508
		Land Sales Reserve Fund ...	...	...	...
		Slum Service Fund ...	1,75,200	109	1,75,309
		K.E.M. Hospital and G.S.M. College Equipment Fund ...	1,14,428	76	1,14,504
		G. S. M. College and K. E. M. Hospital Research Fund ...	68,479	208	68,687
		Precast Concrete Slab Pavements Renewal Fund ...	48,200	125	48,325
		Fidelity Guarantee Insurance Fund ...	19,585	328	19,913
			2,94,75,758	25,31,365	3,20,07,123
		Investment of Surplus moneys in Public Securities.			
		3½% G. P. Notes† ...	15,368	...	15,368
		Public Monuments Maintenance Fund.			
		(*Vide* Appendix No. 16-B) ...	1,70,631		1,70,631
		Endowments Fund.			
		(*Vide* Appendix No. 16-C) ...	3,38,747	163	3,38,910
		Surplus Fund.	Face value.	Actual cost.	
		4% Govt. Loan 1960-70 ...	25,900	24,097	
		3½% G. P. Notes ...	36,86,200	36,39,066	
		4% B.I.T. Debentures ...	16,900	15,741	
		3½% Govt. Loan 1947-50 ...	6,600	6,438	
		3% Municipal Debentures ...	3,54,800	3,54,800	
		3½% Municipal Debentures ...	13,40,600	13,40,600	
		2¾% Govt. Loan 1948-52 ...	20,00,000	19,91,875	
			74,31,000	73,72,617	
		In cash, fixed and current a/c. Deposits ...			
				81,71,319	1,55,43,936
Total ...	6,65,61,884	Total ...			6,65,61,884

* For Face, Purchase and Market Values of each kind of securities held in the Special Funds, please see Appendix No. 16.
† In respect of permanent deposits from lessees.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

APPENDIX No. 6.

Statement of Special Funds for 1944—45.

Municipal Fire and Accident Insurance Fund.*

(Corporation Resolution No. 4572, dated the 4th October 1888, Corporation Resolution No. 4479, dated the 5th October 1914, Corporation Resolution No. 5408, dated the 21st September 1922, Standing Committee Resolution No. 3451, dated the 2nd July 1924, and Corporation Resolution No. 13888, dated the 18th February 1926).

		Dr.	Cr.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...			11,75,668 1 8
Contributions for the year ...			10,123 6 0
Interest realised during the year ...			45,491 1 0
Expenditure incurred during the year ...		2,217 12 0	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5—			
Amount advanced for financing Capital Expenditure	3,79,769 2 0		
Amount held in Securities and Cash ...	8,49,295 10 8		
		12,29,064 12 8	
Total ...		12,31,282 8 8	12,31,282 8 8

* Accumulations in the fund are allowed to Rs. 16 lakhs under C. R. No. 297 of 8-7-1943.

Worn-out Water Mains Renewal Fund.

(Standing Committee Resolution No. 12512, dated the 22nd February 1893 and Corporation Resolution No. 13406, dated the 9th March 1893).

	Dr.	Cr.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...		3,276 14 3
Interest realised during the year ...		168 3 0
Expenditure incurred during the year ...	1,656 4 0	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 7 ...	1,788 13 3	
Total ...	3,445 1 3	3,445 1 3

Net Premia Fund.

(Corporation Resolution Nos. 5294, dated the 19th November 1888, No. 9222, dated the 11th December 1893 and No. 5179, dated the 15th November 1906 and Standing Committee Resolution No. 3343, dated the 28th August 1907).

		Dr.	Cr.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...			47,24,670 13 7
Sale of water-marked paper ...			218 14 0
Amount transferred to meet repayment of Loans during the year ...			
Purchase of water-marked paper ...			
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5—			
Amount advanced for financing Capital Expenditure	16,27,701 11 6		
Amount advanced for purchase of Plant and Machinery for Municipal Printing Press pending adjustment against the provisions for depreciation in subsequent years ...	1,39,911 12 0		
Amount held in Securities, Cash and Fixed deposit...	29,57,276 4 1		
		*47,24,889 11 7	
Total ...		47,24,889 11 7	47,24,889 11 7

* Out of this, Rs. 20,45,211 belong to Water Works Account.

Fines Fund.

(Corporation Resolution No. 1217 of 12th May 1919).

		Dr.	Cr.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...			5,46,359 5 7
Interest realised during the year ...			18,716 0 0
Net Recoveries of fines during the year.			35,791 0 0
Expenditure during the year ...		44,920 10 1	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5—			
Amount advanced to N. Coombs Esqr., O. C. F. S. for conducting a grain store at Byculla for Fire Brigade staff ...	5,000 0 0		
Advances to Municipal Employees' as sanctioned under C. R. No. 15 of 9-4-42 ...	3,798 5 0		
Amount held in Securities and Cash ...	5,47,147 6 6	5,55,945 11 6	
Total Rs. ...		6,00,866 5 7	6,00,866 5 7

Plant and Machinery Depreciation Fund.

(Corporation Resolution No. 5533 of 1st September 1924).

			Dr.	Cr.
	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.
Balance on 1st April 1944 ...				16,74,287 10 1
Amount of depreciation on plant and machinery credited to Fund account during the year ...				74,114 3 8
Expenditure on purchase of Plant and Machinery for replacement			3,337 0 0	
Cost of Plant & Machinery written off ...			1,280 1 0	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5—				
Amount advanced for financing Capital Expenditure ...		9,84,157 10 0		
Amount advanced for purchase of Plant and Machinery pending adjustment against provisions for depreciation in subsequent years—				
Balance on 1-4-1944 ...	75,549 5 0			
Less-Depreciation adjusted during the year ...	7,485 0 0			
		68,064 5 0		
Amount advanced for meeting expenditure on levelling, metalling, etc., Private Streets		56,727 10 5		
Amount held in Securities and Cash ...		6,34,835 3 4		
			17,43,784 12 9	
Total ...			17,48,401 13 9	17,48,401 13 9

Renewal of Road Surfaces Fund.

(Corporation Resolution No. 774 of 27th April 1925).

		Dr.	Cr.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...			28,36,593 15 5
Interest realised during the year ...			1,07,923 11 0
Contribution from Revenue during the year.			73,632 0 0
Expenditure incurred during the year. ...		1,05,758 4 0	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5—			
Advance for financing Capital Expenditure ...	8,23,594 14 0		
Amount held in Securities and Cash ...	20,88,796 8 5	29,12,391 6 5	
Total Rs. ...		30,18,149 10 5	30,18,149 10 5

Garden Fund.

(Corporation Resolution No. 912, of 1st May 1930).

	Dr.	Cr.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...		93,190 4 0
Recoveries during the year ...		14,121 7 6
Interest realised during the year ...		3,619 7 0
Expenditure during the year ...	13,387 0 0	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	97,544 2 6	
Total Rs. ...	1,10,931 2 6	1,10,931 2 6

Levelling, Metalling, etc., Private Streets Fund.

(Corporation Resolution No. 9427 of 23rd January 1922 and Corporation Resolution No. 11147 of 7th January 1926).

	Dr.	Cr.
	Rs. a. p.	Rs. a. p.
Expenditure incurred out of the amount advanced from Plant and Machinery Depreciation Fund as on 1st April 1944 ...	62,111 11 3	
Expenditure during the year ...	73 8 2	
Recoveries on account of expenditure during the year ...		7,964 12 0
Interest charges during the year ...	2,960 12 0	453 9 0
Advance from Plant and Machinery Depreciation Fund as at 31st March 1945 ...		56,727 10 5
Total Rs. ...	65,145 15 5	65,145 15 5

Public Monuments Maintenance Fund.

	Dr.	Cr.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...		1,67,745 13 0
Donations received during the year ...		2,885 0 0
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	1,70,630 13 0	
Total Rs. ...	1,70,630 13 0	1,70,630 13 0

Endowments Fund.

	Dr.	Cr.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...		3,09,247 2 0
Interest, Bonus, etc., invested during the year and donations received ...		29,662 15 8
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	3,38,910 1 8	
Total Rs. ...	3,38,910 1 8	3,38,910 1 8

APPENDIX No. 6—(*Concluded.*)

Statement of Special Funds 1944-1945.

Hospital Fund.

(Corporation Resolution No. 497 of 15th November 1934).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944 ...		5,68,437 0 6
Donations received during the year ...		1,30,071 6 8
Expenditure incurred during the year ...	...	...
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	6,98,508 7 2	
Total ...	6,98,508 7 2	6,98,508 7 2

K. E. M. Hospital and G. S. M. College Equipment Fund.

(Corporation Resolution No. 650 of 3rd December 1935).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944 ...		94,435 10
Contribution from Revenue for the year ...		21,479 13
Expenditure during the year ...	1,411 0 0	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	1,14,504 7 6	
Total ...	1,15,915 7 6	1,15,915 7

G. S. M. College and K. E. M. Hospital Research Fund.

(Corporation Resolution No. 176 of 21st June 1937).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944 ...		55,049 11
Subsidy received from the C. P. Government during the year ...		14,500 0
Subsidy for reservation of Seats for the Indian Students from South & East Africa. ...		1,000 0
Interest realized during the year ...		2,178 3
Expenditure during the year ...	4,040 4 0	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	68,687 0 11	
Total ...	72,727 4 11	72,727 4 11

Lands Sales Reserve Fund.

(Corporation Resolution No. 705 of 19th December 1935).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944 ...		24,15,098 10 4
Amount transferred to make good the deficit in the amount of Rs. 10 lakhs to be credited to Revenue on account of sale proceeds of surplus land during the year ...	4,92,635 5 2	
Interest realized during the year ...	...	73,386 7 0
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5:—		
(Rs. a. p.) Advance for financing Capital Expenditure 19,95,849 12 2		
Amount held in securities and Cash. ...		
	19,95,849 12 2	
Total ...	24,88,485 1 4	24,88,485 1 4

Precast Concrete Slab Pavements Renewal Fund.

(Corporation Resolution No. 612 of 23rd November 1936).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944		31,018 0 0
Contribution from Revenue during the year		17,307 0 0
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	48,325 0 0	
Total ...	48,325 0 0	48,325 0 0

Slum Service Fund.

(Corporation Resolution No. 930 of 27th F(bruary 1936).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944 ...		1,70,205 6 3
Interest realized during the year ...		5,103 14 0
Expenditure during the year ...	...	
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	1,75,309 4 3	
Total ...	1,75,309 4 3	1,75,309 4 3

Fidelity Guarantee Insurance Fund.

Corporation Resolution No. 1283 of 10th March 1941).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1944 ...		14,085 10 0
Net Recoveries during the year ...		5,338 12 0
Interest realized during the year ...		488 5 0
Balance on 31st March 1945 as per Balance Sheet, Appendix No. 5 ...	19,912 11 0	
Total ...	19,912 11 0	19,912 11 0

Provident Fund.

(Corporation Resolution No. 5598, dated the 7the September 1920)

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944 ...				
Amount of Subscriber's Accounts—				
(1) Other than Trust and Schools Committee's employees ...	1,37,44,249 14 0			
Add—Net opening balance of accounts transferred from Trust Section and Schools Committee ...	1,04,366 15 0	1,38,48,616 13 0		
(2) Trust employees ...	21,13,950 13 2			
Deduct—Net opening balance of accounts transferred to Municipal and Schools Committee ...	1,03,303 10 0	20,10,647 3 2		
(3) Schools Committee's Employees ...	59,70,103 15 0			
Deduct—Net opening balances of Accounts transferred to Municipal. ...	1,063 5 0	59,69,040 10 0		
(4) Excess Interest, Profit on sale of Securities, etc. ...		1,15,299 14 4		2,19,43,604 8 6
Receipts on account of Subscriptions and contribution during 1944-45 in respect of employees other than Trust and School Committee's Employees ...	15,83,088 10 3			
Deduct—Payments during the year ...	10,52,111 8 0	5,30,977 2 3		
Interest allowed on Provident Fund accounts of employees other than Trust and Schools Committee's employees ...	5,46,516 2 0			
Deduct—Payment during the year ...	11,012 13 0	5,35,503 5 0		10,66,480 7 3
Receipts on account of Subscriptions and Contributions during 1943-44 in respect of Provident Fund Accounts of Trust Employees ...	1,83,805 11 0			
Deduct—Payments during the year ...	1,23,656 3 0	65,149 8 0		
Interest allowed on Provident Fund Accounts of Trust employees ...	79,393 3 0			
Deduct—Payments during the year ...	760 7 0	78,632 12 0		1,43,782 4 0
Receipts on account of Subscriptions and Contributions during 1944-45, in respect of Provident Fund Accounts of Schools Committee's Employees ...	4,99,099 8 0			
Deduct—Payments ...	1,32,791 2 0	3,66,308 6 0		
Interest allowed on Provident Fund Accounts of Scholols Committee's Employees. ...	2,36,590 2 0			
Deduct—Payments during the year ...	83,030 13 0	1,53,559 5 0		5,19,867 11 0
Net Interest on Provident Fund Investments realized during the year ...		8,95,745 4 0		
Deduct—Interest allowed at 4 per cent. per annum on Provident Fund Accounts				
(1) Employees other than Trust and Schools Committee's Employees ...	5,46,516 2 0			
(2) Trust Employees ...	79,393 3 0			
(3) Schools Committee'a Employees ...	2,36,590 2 0	8,62,499 7 0		33,245 13 0
Balance on 31st March 1945 as per Balance Sheet Appendix No. 5 ...			237,06,980 11 9	
			2,37,06,980 11 9	2,37,06,980 11 9

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 7.

Capital Fund Balance Sheet as at 31st March 1945.

LIABILITIES.		Rs.
Loans Outstanding :—		
Due to Government		
(*Vide* details as shown in Appendix No. (11) ...		4,66,80,276
Due to Public—		
(*Vide* details as shown in Appendix No. (11) ...		8,54,27,000
Advances from Special Funds—		
(*Vide* details as shown in Appendix No. (11) ...		58,11,073
		13,79,18,349
Trust Fund Account—		
Donation from Sir Currimbhoy Ebrahim for the construction of a Primary School Building—		
Balance on 1st April 1944	Rs. 58,981	
Interest	" 672	
		59,653
Donation from Messrs. Thakordas and Co., Solicitors on behalf of their client Bai Kailasgavri for a General Public Dispensary in the Vicinity of Mumbadevi ...		30,000
		89,653
Worn-out Water Mains Renewal Fund Account ...		1,789
Surplus—		
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES :—		
Sinking Fund on Loans		3,65,28,927
Loans Redemption Fund		11,02,14,100
Unbooked Property††		...
Premia on Loans		3,20,849
Contributions from Special Funds		8,03,171
Do. Revenue for Loan Works Establishment		17,870
Do. G. I. P. Railway		3,74,000
Do. Port Trust		1,56,500
Do. Government for Schools... ...		5,00,000
Do. Government for widening the Love Grove Bridge		91,234
Do. Worn-out Water Mains Renewal Fund		9,62,529
Do. Land and Buildings Fund ...		74,80,434
Do. Development Fund		1,34,32,075
Do. Revenue towards Bai Jerbai Wadia Hospital for Children ...		7,00,000
Do. Trust Fund		42,92,301
		17,58,73,990
Deduct—		
Assets written off—		
Amount as on 31st March 1944	Rs. 7,90,451	
Additions during the year ...	" 65,777	
		8,56,228
		17,50,17,762
Grand Total ...		31,30,27,553

ASSETS.	Face Value Rs.	Rate	Book Value Rs.	Rs.
Block Account :—				
Loan Funds—				
Property and Assets at original cost as per Appendix No. 8.			Rs. 26,29,10,549	
Deduct—Subventions granted for the conversion of privies into water closets, shown below			20,75,088	
			26,08,35,461	
Add—Subventions granted for the conversion of privies into water-closets Rs. 22,96,575				
Deduct—Expenditure written off Rs. 2,21,487			Rs. 20,75,088	26,29,10,549
Trust Fund—				
Expenditure as per Appendix No. 8				42,92,301
Worn-out Water Mains Renewal Fund—				
Expenditure as per Appendix No. 8				9,62,529
Unbooked Property††				...
Municipal Land and Buildings Fund—				
Land purchased and Buildings erected as per Appendix No. 8				43,03,043
Temporary advance to Development Fund				31,77,390
Investments—				
Sinking Fund—				(*a*) 3,65,28,927
As per Appendix No. 10				
Loan and Trust Funds—				
3% Municipal Debentures,	1,11,900	par.	1,11,900	
3½% Govt. Loan 1947-50	12,100	98-8-0%	11,919	
	27,900	96%	26,784	
	1,51,900		1,50,603	
In fixed Deposits			7,00,400	
In Cash			22	*8,51,025
Special Fund—				
Worn-out Water Mains Renewal Fund				
In Securitiecs			Rs. 1,676	
In Cash			113	†1,789
				31,30,27,553

(*a*) For Face, Purchase and Market Values of Securities held in the Sinking Funds, please see Appendix No. 16-A.

* Inclusive of Rs. 89,653 on account of Trust Funds.

† For Face, Purchase and Market Values of Securities held in the Fund, please see Appendix No. 16.

†† The value of unbooked property amounting to Rs. 45,37,836 has been eliminated from the Accounts as sanctioned under C.R. No. 1023 of 8-2-1945.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 8.

SUMMARY.

—	Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Capital Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
(1) Loans Funds.			
I.—General Supervision, Collection of Revenue, etc. ...	20,43,771	...	20,43,771
II.—Water Works	9,98,24,482	6,41,738	10,04,66,220
III.—Education, Primary	27,91,958	253	27,92,211
V.—Public Health Department	16,11,986	8,840	16,20,826
VI.—Medical Relief and Education	81,78,823	31,526	82,10,349
VII.—Street Cleansing and Conservancy Road Watering and Halalkhore Service	90,16,655	75,834	90,92,489
VIII.—Roads, Drains and Sewers	7,70,29,928	4,15,904	7,74,45,832
IX.—Mechanical	31,68,340	35,370	32,03,710
X.—Buildings, Land Acquisition and Management ..	4,28,34,066	27,944	4,28,62,010
XI.—Fire Brigade	12,63,997	83,655	13,47,652
XIII—Gardens and Open Spaces	36,76,874	...	36,76,874
XIV.—Markets and Slaughter Houses	81,99,503	16,635	82,16,138
Carried forward .	25,96,40,383	13,37,699	26,09,78,082

—	Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Capital Expenditure upto 31st March 1945.
Brought forward ...	Rs. 25,96,40,383	Rs. 13,37,699	Rs. 26,09,78,082
XV.—Slum Service	6,43,815	14,174	6,57,989
XVI.—Measures for Civil Defence	80,637	77,745	1,58,382
Discount and other Charges on Loans	5,01,690	22,512	5,24,202
Plant and Machinery	5,45,482	46,412	5,91,894
(1) Loan Funds—Total Rs.	26,14,12,007	14,98,542	26,29,10,549
(2) Trust Fund.			
Works executed	42,92,301	...	42,92,301
(3) Worn out Water Mains Renewal Fund.			
Works executed	9,60,873	1,656	9,62,529
(4) Land and Buildings Fund. ...			
Lands purchased and buildings erected	43,03,044	...	43,03,044
Grand Total ...	27,09,68,225	15,00,198	27,24,68,423

Appendix No. 8.

Block Account showing details of Capital Expenditure upto 31st March 1945.

——	Total Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Capital Expenditure upto 31st March 1945.
I.—GENERAL SUPERVISION, COLLECTION OF REVENUE, Etc.	Rs.	Rs.	Rs.
Works completed (as per Report for 1943-44)	20,43,771	...	20,43,771
I.—General Supervision, etc., Total ...	20,43,771	...	20,43,771
II.—WATER WORKS, ORDINARY.			
Works completed (as per Report for 1943-44)	4,69,03,040	...	4,69,03,040
Conversion gradually of an adequate number of underground hydrants out of the existing 4,849 underground hydrants into stand-post hydrants to prevent pollution of the water supply of the City ...	55,580	4,760	60,340
Providing water mains with hydrants, etc., in the layout of roads in Scheme No. 57, Sewri-Wadala	1,26,892	19,545	1,46,437
Extending 18" main in King Edward Road from Haffkine Institute upto junction of Sewri New Road	97,399	6,589	1,03,988
Providing water main in 40' road off Saboo Siddiq Street ...	7,365	179	7,544
Cleaning the Vehar Lake	47,854	2,145	49,999
	4,72,38,130	33,218	4,72,71,348
Works completed during the year—			
Acquisition of Khardi Village with its houses, wells, trees, etc. ...	20,049	...	2,0,049
Enlarging 5" water main in Falkland Road to 7" from Lamington Road to Grant Road	18,168	...	18,168
Enlarging the 6" water main in Old Hanuman Lane to 9" ...	13,015	...	13,015
Provision of Booster Pump at Bhandarwada Reservoir ...	30,238	...	30,238
Laying 6" water main in Road No. 2, Naigaum Estate, between Morbaug Road and Govindji Kini Road	6,818	...	6,818
Connecting the ends of the 32" Vehar main near Byculla Bridge ...	53,726	...	53 726
Scheme for centralizing various operations for the sterilization of the Bombay Water Supply	70,354	...	70,354
Providing protective measures along the slopes of Bhandarwada Hill Reservoir	23,854	...	23,854
Providing a 6" main in Assembly Lane and enlarging the existing 3" main in Malharrao Wadi to 5" and extending it to meet the proposed main in Assembly Lane (C Ward)	7,205	...	7,205
Providing a 6" main in Fopalwadi 3rd Lane and extending the existing 6" main in Fopalwadi 2nd Lane (C Ward)	6,170	...	6,170
Connecting the 4" Bandra Slaughter House Main to 24" Tulsi Main.	3,833	...	3,833
Laying a 5" water main in Bhandup Street	2,100	...	2,100
Carried forward ...	2,55,530	...	2,55,530

——	Capital Expenditure upto 31st March 1944.	Expended during the year	Total Capital Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
Brought forward ...	2,55,530	...	2,55,530
Providing a 5" water main in Shenvi Wadi and Pimpalwadi Lane from 6" main in Kandewadi to join it to 6" main in Mugbhat Lane	4,581	...	4,581
Providing a 5" water main in Babula Tank Cross Road from 14" main in Babula Tank Road to meet the 6" main in Imamwada Road	7,326	...	7,326
Laying 5" water mains in Road No. 19A, 19B and 19D, in Sion Scheme No. 5	10,186	...	10,186
Enlarging the existing 3" and 4" water mains in Jail Road (South) to 5"	6,857	...	6,857
Connecting 15" main in Jackeria Majid Street to 15" main in Chakla Street	15,547	...	15,547
Enlarging and extending the 4" main in College Road to 6" ...	8,484	...	8,484
Providing housing accommodation for the labour staff outside the City	19,821	...	19,821
Laying an 18" main in 1st Marine Street	22,193	...	22,193
Laying a 5" water main in portion of Road No . 9 (Dadar) from King's Circle to Road No. 8 (Schemes Nos. 5 and 6) ...	2,550	...	2,550
Providing a 5" water main in Jambulwadi between Girgaum Road and Kalbadevi Road	2,560	...	2,560
Providing a 6" main in the remaining portion of Agiary 1st Lane and connecting the existing 6" mains in Agiary 3rd Lane to the proposed main	2,125	...	2,125
Enlarging the existing 3" water main to 5" in Popatwadi, off Kalbadevi Road	4,077	...	4,077
Enlarging and extending 4" water main in Shroff and Pestonji Streets to 5" and providing a 5" water main in Hamal Street 5" main in Bora Bazar Cross Lane, Maneckji Street and Koli 3rd Lane (Colaba)	13,435	...	13,435
Enlarging the existing 3" main in Arthur Road to 5" and extending the existing 6" main in Arthur Road to B.B. & C.I. Railway Lines	9,333	...	9,333
Providing a 5" water main in 40' road off 50' road, off Lady Jamshedji Road (G Ward)	3,425	...	3,425
Providing a 5" water main in Umarkhadi 3rd Lane (B Ward) ...	3,694	...	3,694
Extending 9" water main of east footpath of Vincent Road to meet the 24" main in Matunga Road	1,445	...	1,445
II.—Water Works—Works completed during the year...	3,93,169	...	3,93,169
Total—Works completed.	4,76,31,299	33,218	4,76,64,517

Appendix No. 8—*continued.*

	Capital Expenditure up to 31st March 1944.	Expended during the year.	Total Capital Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,76,31,299	33,218	4,76,64,517
Works in progress—			
Providing water mains in the layout of new roads at Back Bay Reclamation Scheme—			
Providing 9" and 6" distributory mains in Block No. 1 ...	55,322	Cr. 5	55,317
Providing 30" trunk main from the end of Block No. 1 along Marine Street and 120" road opposite Band Stand with a cross connection to existing main near Wellington Fountain ...	1,35,929	3,987	1,39,916
Providing new water mains in Mahim District	81,144	14,735	95,879
Laying further water mains in some of the roads in Mahim District.	34,780	59	34,839
Reconstructing two portions of the trolley track along the 48" Vehar main	21,198	429	21,627
Providing additional inlets and outlets at Malabar Hill Reservoir...	3,74,994	33,686	4,08,680
Widening and raising the embankment providing a trolley track and laying new 57" steel main wherever necessary in Bandra Creek	1,22,425	24,530	1,46,955
Gunite and cementation work of the dam and the provision of a trolly track along its toe at Tansa	1,79,668	67,546	2,47,214
Providing mains in roads Nos. 1, 2, 3, 4, 8, 27, 27A and 29, Sion Scheme 6	60,000	7,301	67,301
Providing additional hydrants on 24" Tulsi main from Mori Road to Haines Road...	9,287	2,208	11,495
Providing additional hydrants and S. V.s. on the existing water main in certain roads of the Dadar-Matunga Estate. Schemes No. 5 & 6	18,916	1,778	20,694
Providing 12" main in Vithalbhai Patel Road from Charni Road to Cawasji Patel Tank Road	23,962	16,899	40,861
Laying 9" main in the extension of Worli Sea Face Road and 50' road parallel to it, Worli Scheme No. 58	16,361	6,705	23,066
Providing 6" main in Road Nos. 13A, 13B and 13C, Naigaum Scheme No. 60	4,695	282	4,977
Providing 6" water main in Worli Sonapur Lane	10,605	275	10,880
Repairing and extending the Trolley Track in various syphons of the duct line outside Bombay	27,959	111	28,070
Laying water main in *ex*-Trust Dharavi Scheme ...	20,469	4,032	24,501
Providing 6" water main in Sitafal Wadi off Mount Road and 5" main in bye-lanes off Victoria Road (E Ward)	4,544	491	5,035
Enlarging the existing 3" and 4" water mains in Mahim Kapad Bazar Road from Cadell Road to Mahim Bazar Cross Road to 6".	5,909	2,491	8,400

	Capital Expenditure up to 31st March 944.	Expended durng the year.	Total Capital Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,76,31,299	33,218	4,76,64,517
II.—Water Works—Works in Progress—Brought forward ...	20,38,671	3,82,482	24,21,153
Augmentation of City's water supply	28,693	5,257	33,950
Enlarging and extending 4" main in Curry Road Low Level (G Ward)	14,686	2,205	16,891
Enlarging the 3" main in Tadwadi to 6" and extending the same...	4,140	860	5,000
Enlarging the 5" main in Zaoba's Oart (C Ward)	4,081	3,020	7,101
Laying a water main in Kamathipura 12th Street	1,235	3,027	4,262
Enlarging and extending the 3" main in Tamarind Lane and enlarging the 4" main in Meadow's Street	5,737	1,337	7,074
Providing 24" cross connections between the Trunk mains outside the City	5,057	18,647	23,704
Enlarging and extending the 3" main in Ghoga Street to 4" main in Parsi Bazar Street and enlarging the 3" main in Store Lane ...	5,965	2,946	8,911
Improving the water supply in Stable Street Kamathipura, E Ward.	4,707	3,646	8,353
Providing a 5" water main in Cumbala Road, D Ward ...	3,605	287	3,892
Providing a 5" water main in Dockyard Road	2,843	767	3,610
Enlarging the 4" main in Hornby Road East footpath from Gunbow Street to Ghoga Street	6,707	Cr. 177	6,530
Providing a 5" water main in Reay Road between Gunpowder Road and Dockyard Road and in the two bye-lanes	6,597	7,685	14,282
Enlarging the 3" water main in Peerkhan 1st Lane (E Ward) ...	1,815	1,008	2,823
Enlarging the 4" watermain in Sheikh Buran Kamoddin Street, (E Ward)	8,622	1,082	9,704
Enlarging and extending the 3" main in Chambar Lane off Parel Road (E Ward)	5,205	566	5,771
Enlarging and extending the 4" water main in Ulster Road (E Ward).	4,994	2,874	7,868
Extension of the mains at Worli Sea Face Road and the 60' road parallel to it upto Love Grove Road	...	4,804	4,804
Providing a water main in Pan Gully (D Ward)	1,962	5,991	7,953
Providing a water main in Alexandra Road, (D Ward) ...	3,021	116	3,137
Enlarging the 4" water main in Narayan Dhuru Street, B Ward to 9".	5,673	5,291	10,964
Enlarging the existing 6" main in Girgaum Road to 12" from Thakurdwar to Charni Road, (D Ward)	5,744	29,684	35,428
Enlarging the existing 4" main in Cruickshank Road to 9" (A Ward).	9,667	4,619	14,286
Enlarging the existing 4" main in Abdul Rehman Street, (B Ward).	8,433	10,417	18,850
Laying a 6" water main in King Edward Road between Dadar Road and Hospital Avenue	2,693	5,268	7,961

Providing an additional 9″ water main in Bhavanishankar Road ...	16,386	5,040	21,426
Laying water main in Sion, Scheme No. 6	16,972	7,350	24,322
Enlarging the existing 3″ and 4″ water mains in Parel Chawl Road to 5″	16,069	307	16,376
Laying a 24″ main in Worli Road in continuation of 24″ main in Haines Road	79,805	6,598	86,403
Enlarging the existing 3″ and 4″ water mains in King's Lane and 4″ main in Gola and Jiwanji Lane (A Ward)	5,359	2,400	7,759
Extending the 5″ main in Falkland Road Low Level (North) to meet the 9″ main in Sleater Road	2,432	368	2,800
Strengthening spans Nos. 6 and 7 of the old Kasheli Bridge with incidental works	2,44,633	12,433	2,57,066
Treating further portion of the 57″ Steel mains in Sleater Road from Nana's Chowk to Falkland Road with reinforced gunite.	74,619	11,033	85,652
Constructing 1¼ million gallons capacity reinforced gunite elevated tank at Bhandarwada	1,29,906	882	1,30,788
Enlarging the 5″ water main in Carmichael Road to 9″ and extending it to connect the same with 6″ main in Altamount Road ...	20,399	*Cr.* 529	19,870
Laying a 5″ main in Ganeshwadi 1st Lane and enlarging and extending 3″ main in Ganeshwadi 2nd Lane and connecting it with the proposed main in Ganeshwadi 1st Lane (C Ward) ...	4,548	1,415	5,963
Providing concrete blocks under steel mains outside City at places where they are badly corroded	28,730	49,610	78,340
Providing hydrants in roads where there are no hydrants or where additional hydrants are necessary	9,378	3,436	12,814
Laying 5″ water main in Falkland 2nd, 3rd and 4th Cross Lanes...	10,043	613	10,656
Extending the existing 5″ water main in Bhaskar Lane (C Ward) ...	2,894	38	2,932
Providing a 12″ main along western slope of Malabar Hill from Malabar Hill Reservoir to Napean Sea Road	14,166	24,420	38,586
Purchase of New Meters	41,579	6,260	47,839
Enlarging and extending the existing 4″ water main in Belvedere Road, Mazagaon	13,585	4,135	17,720
Enlarging the 5″ and 3″ water mains in Lamington Road, enlarging the 3″ mains in Topiwala Lane and Tara Temple Lane ...	19,998	4,710	24,708
Enlarging and extending the existing 3″ and 4″ water mains in Musjid Bunder Road from Jackeria Musjid Street to Narsi Natha Street to 6″	14,557	2,988	17,545
Enlarging and extending the 4″ water main in Gas Works Lane off Parel Road (F Ward)	17,738	*Cr.* 823	16,915
Providing a 9″ water main in Foreshore Road, Back Bay Reclamation Area	19,704	14,109	33,813
Providing a 5″ main in Laburnam Road	2,709	592	3,301
Removing the embedded portions of the 32″ Vehar Main and 48″ old and new Tansa Mains over the swing bridge at Kurla and relaying the same over the existing piers of the bridge ...	18,842	19,157	37,999
Measures for preventing frequent bursts on trunk mains inside the City	5,453	18,400	23,853
II—Water Works—Works in Progress—Carried over ...	20,38,671	3,82,482	24,21,153
II—Water Works—Carried forward ...	4,76,31,299	33,218	4,76,64,517

Enlarging the 4″ main in Peerkhan 3rd Lane, (E Ward) ...	3,968	2,090	5,058
Laying a water main in Bhai Jiwnji Lane, (C Ward)... ...	3,868	1,879	5,747
Enlarging and extending the existing 3″ main in Sindhi Lane to 6″, (C Ward)	2,219	3,378	5,597
Laying a 6″ main in Shankar Bari Lane, (C Ward)	2,999	2,626	5,625
Replacing the existing 5″ main in Israel Moholla by 9″ main and providing a 5″ main in Israel Moholla Cross Lane, (B Ward) ...	4,759	4,916	9,675
Providing 6″ water main in Nardulla Tank Road, (C Ward) ...	2,034	3,850	5,884
Extending the existing Anchor Blocks and providing additional ones in outside City Divisions	3,703	6,242	9,945
Providing a water main in 40′ road in Worli Estate, Scheme No. 58 (G Ward)	3,574	2,906	6,480
Enlarging the 4″ main in Mangesh Senoy Street off Hornby Road, (A Ward)	683	*Cr.* 9	674
Providing water mains in roads Nos. 8, 8-A and 9 of Naigaum Scheme No. 60, (F Ward)	3,459	5,859	9,318
Providing water main in Northbrook Street, (E Ward) ...	2,165	674	2,839
Enlarging the 4″ main in Kumbharwada Cross Lane to 6″, (E Ward)	3,591	*Cr.* 168	3,423
Laying a 6″ water main in road No. 56, Dadar-Matunga Estate, (F Ward)	2,611	1,811	4,422
Laying water main in New Bengalpura Street, (B Ward) ...	3,560	344	3,904
Enlarging and extending the water main in Mustan Tank Road, (E Ward)	4,144	5,091	9,235
Providing a 6″ main in Wallace Street (A Ward)	4,990	3,810	8,800
Laying 6″ water mains in Roads Nos. 11A and 18 (part) in Dadar Matunga Estate, Scheme No. 5	5,012	12,920	17,932
Laying a 6″ water main in the proposed 30′ road, off Haines Road.	...	2,704	2,704
Providing a water main in Ripon Cross Road, E Ward ...	...	7	7
Improving the water supply in localities in B Ward—laying water mains in Musjid Bunder Road, Sandhurst Road, etc. ...	...	6,894	6,894
Removing the existing 5″ main in Sleater Road and replacing it by a 6″ water main in the west footpath thereat	...	9,930	9,930
Transferring and providing standpost hydrants on Parel Government Gate Road and Hospital Avenue Road (extension) ...	...	5,853	5,853
Enlarging the existing 3″ and 4″ main in Islampura Street to 6″ (D Ward)	...	3,339	3,339
Laying a 6″ water main in 40′ road, off Cadell Road and in 40′ Road to Kashinath Dhuru Road (G Ward)	...	4,987	4,987
Enlarging and extending the 3″ water main in Princess Street to 6″ (C Ward)	...	3,910	3,910
Providing a 30″ trunk main from Malabar Hill Basin to Block No. I with Cross connection to 24″ main in the Churchgate Street.	...	3,857	,3857
Providing cross connections for improving the water supply to E Ward locality	...	5,111	5,111
Total—Works in progress ...	22,46,892	6,08,520	28,55,412
Total—Water Works ...	4,98,78,191	6,41,738	5,05,19,929
Tansa Triplication— Works completed (as per Report for 43-44)	4,99,46,291	...	4,99,46,291
II.—Water Works—Total ...	9,98,24,482	6,41,738	10,04,66,220

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Expenditure up to 31st March 1945.
	Rs.	Rs.	Rs.
	...	...	...
III.—EDUCATION—PRIMARY.			
SCHOOL BUILDINGS—			
Works completed (as per Report for 1943-44)	22,22,669	...	* 22,22,669
Works completed during the year:—			
Construction of Municipal School Buildings—			
(1) School Building at Mastan Tank	1,03,114	...	1,03,114
(2) Do. Sukhlaji Street	2,16,792	253	2,17,045
(3) Do. Dongri	2,33,253	...	2,33,253
(4) Do. Gopi Tank, Lady Jamshedji Road ...	10	...	10
Additions and alterations to the Bullock Hospital at Souter Street to convert it for use as a school building and other offices ...	16,120	...	16,120
III.—Education—Primary—Total ...	27,91,958	253	27,92,211
V.—PUBLIC HEALTH.			
Works completed (as per Report for 1943-44)	15,00,506	...	15,00,506
Total.—Works completed ...	15,00,506	...	15,00,506
Works in Progress—			
Providing a Cemetery for Ahmedia Muslim Community at Bhoiwada	4,814	7.560	12,374
Providing a Cemetery for Hindus at Dharavi	22,060	1,123	23,183
Providing a Cemetery for Dawoodi Bohra Community ...	84,606	157	84,763
	1,11,480	8,840	1,20,320
V.—Public Health—Total ...	16,11,986	8,840	16,20,826
VI.—MEDICAL RELIEF AND EDUCATION.			
Works completed (as per Report for 1943-44)	76,54,325	...	† 76,54,325

—	Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Capital Expenditure up to 31st March 1945.
	Rs.	Rs.	Rs.
VIII.—ROADS, DRAINS AND SEWERS.			
ROADS AND OVERBRIDGES—			
ROADS—			
Works completed (as per Report for 1943-44)	1,01,70,365	...	‡1,01,70,365
Construction of 40" road in Palton Road Scheme	21,230	3,459	24,689
	1,01,91,595	3,459	1,01,95,054
Works in progress—			
Remaking Roads in accordance with demands of heavy traffic ...	64,31,752	...	64,31,752
Permanent construction of existing Kutcha footpaths... ...	10,77,934	19,890	10,97,824
Extension of Ranade Road from Lady Jamshedji Road to Gokhale Road	2,20,676	200	2,20,876
Constructing a pucca retaining wall at the toe of Walkeshwar Road to support the Embankment	73,629	319	73,948
Construction of Tulsi Pipe Line Road between Dadar and Matunga.	49,119	...	49,119
Improvement of the play-ground at Mori Road	57,371	...	57,371
Widening 1st Marine Street	3,03,030	14	3,03,044
Constructing a road and culvert over the drainage channels to the west of Globe Mill Passage	12,842	...	12,842
Providing cement concrete carriageway along the 50′ road between Tulsi Pipe Line Road and Bhawanishankar Road, including modification of S. W. drainage arrangements	32,311	131	32,442
Permanent construction of narrow by-lanes in the City ...	47,796	16,303	64,099
Renewal of surfaces of roads for which no renewal fund exists ...	62,468	...	62,468
Providing traffic amenities such as (*a*) Subways and overbridges (*b*) Traffic Islands (*c*) Pedestrian crossings	15,644	2,897	18,541
Filling in certain lowlying lands	18,453	7,121	25,574
Widening the bottleneck at Dharavi Road near the Municipal Sluice House ...	5,666	40	5,706
Construction of 40′ Road between Sayani Road and Khed Gully...	12,404	6,764	19,168
Construction of footpaths where no footpaths exist	16,743	7,269	24,012
Renewal of Surfaces of Roads taken over from Ex-Trust—Victoria Gardens Road etc.	28,604	38,571	67,175
	84,66,442	99,519	85,65,961
Roads—Total ...	1,86,58,037	1,02,978	1,87,61,015
OVERBRIDGES—			
Works completed (as per Report for 1943-44)	51,08,316	...	51,08,316

Works completed during the year:—			
Constructing Nurses' Quarters, etc., in the compound of the **Bellasis Road Maternity Home**	28,012	67	28,079
Total Works completed ...	76,82,337	67	76,82,404
Works in progress—			
Extension of the K. E. M. Hospital (Part expenditure booked under Trust Fund)	4,96,454	4,603	5,01,057
Extension of Nurses Quarters kitchen in the Nurses Quarter &c., at Arthur Road Hospital	16	9,919	9,935
Reconstruction of the collapsed wall &c., at Turner Sanatorium...	16	16,633	16,649
Extension of the Dispensary at Arthur Road Hospital ...	...	304	304
	4,96,486	31,459	5,27,945
VI.—Medical Relief, etc.—Total ...	81,78,823	31,526	82,10,349
VII.—STREET CLEANSING, CONSERVANCY, ROAD WATERING AND HALALKHORE SERVICE.			
Works completed (as per Report for 1943-44)	67,25,277	...	67,25,277
Works in progress—			
Conversion of insanitary basket privies into water-closets by subsidising House Owners	19,02,139	*Cr.* 22,651	18,79,488
Construction of chawls, sanitary conveniences and improvements, etc., to camp at Chembur	1,17,883	...	1,17,883
Conversion of privies on basket system into water closets by Subsidising House Owners in the northern part of the City ...	1,95,300	300	1,95,600
Gunite treatment and repairs to Block B of Health Department Chawls at Palton Road	74,524	2,025	76,549
Construction of two seated urinals near play ground and Septic Tank Installation on Lakhamsey Nappoo Road	955	...	955
Construction of Public conveniences in different parts of the City.	103	2,977	3,080
Construction of incinerator for burning the Kutchara in the City.	367	...	367
Providing washing places and water closets for the proposed camps of mang garudis at Dharavi.	107	35,998	36,105
Gunite treatment and repairs to Block A of Health Department Chawls at Palton Road	...	57,185	57.185
	22,91,378	75,834	23,67,212
VII.—Street Cleansing, etc.—Total ...	90,15,655	75,834	90,92,489

Works in progress—			
Widening the Bridge at Love Grove Pumping Station and improving the bed of the channel	3,25,973	1,800	§ 3,27,773
Overbridges—Total ...	54,34,289	1,800	54,36,089
STREET IMPROVEMENTS—			
Street Improvements in different places—Set-backs ...	1,42,40,185	1,59,421	1,43,99,606
Adding set-backs to roads	2,90,350	56,215	3,46,565
Special Street Improvements	19,000	...	§§ 19,000
Street Improvements—Total ...	1,45,49,535	2,15,636	1,47,65,171
DRAINS AND SEWERS—			
Works completed (as per Report for 1943-44)	3,29,39,296	...	3,29,39,296
Works in progress—			
Sewerage Scheme for the Northern Part of the Island including Sludge Digestion Plant	24,97,489	3,203	25,00,692
Construction of Subsidiary and Branch Sewers in connection with the Sewerage Scheme for the Northern Part of the City ...	14,53,632	10,075	14,63,707
Completion of House drainage connections in different parts of the City	4,13,657	19,732	4,33,389
Construction of water gullies on various roads in the City ...	26,633	1,402	28,035
Renewal of old masonry storm water drains in the City ...	54,941	3,878	58,819
Improving sewerage facilities in Colaba area	38,401	...	38,401
Works in connection with the Scheme for the Sewerage at Wadala-Gowari, parts of Sewri, Sion and Dharavi	1,96,799	*Cr.* 4,291	1,92,508
Works in connection with removal of the surcharged condition of the sewers in the City—			
(1) Construction of a sump well and supply and erection of a Pumping Station	82,801	*Cr.* 1,636	81,165
(2) Construction of 42" and 48" high level gravitation sewers in Haines Road	1,30,954	...	1,30,954
Drains & Sewers—Works in progress—Carried forward ...	48,95,307	32,363	49,27,670
Drains and Sewers Carried forward ...	3,29,39,296	...	3,29,39,296
VIII—Roads Drains and Sewers Carried forward ...	3,86,41,861	3,20,414	3,89,62,275

* Inclusive of Government share of contribution of Rs. 5 lakhs.

† Exclusive of Rs. 30,000 expended out of the Donation from Sir Ibrahim Rahimtoola Kt., for Combined School and Dispensary at Sandhurst Road and of Rs. 27,268-8-0 expended out of the amount received from Governor's Hospital Fund which was credited to the work of Construction of one new Ward for Small-pox unit at Arthur Road Hospital.

‡ Inclusive of Rs 1,56,500 contributed by the Port Trust for Wadi Bunder Road.

§ Inclusive of Rs. 91,234 received from Government on account of contribution from Provincial Share of Petrol Tax Fund for Widening the Bridge at Love Grove Pumping Station.

§ § This was paid out of the Road Improvement Fund.

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Capital Expenditure up to 31st March 1945.
	Rs.	Rs.	Rs.
VIII—Roads Drains and Sewers—Brought forward ...	3,86,41,861	3,20,414	3,89,62,275
Drains & Sewers—Brought forward ...	3,29,39,296	...	3,29,39,296
Drains & Sewer—Works in progress brought forward ...	48,95,307	32,363	49,27,670
Works in connection with removal the Surcharged condition of the sewers in the City—			
(3) Laying 36" C. I. Rising Main	95,673	77	95,750
(4) Making connections from existing sewers and S.W. drains to the Sump well	12,322	...	12,322
(5) Gravitation Sewer in Arthur Road	99,239	18,802	1,18,041
(6) Ejectors at Furguson and Delisle Roads	...	138	138
Additional works at Dadar Purification Works—			
Erecting 3 C. I. (H2S) Purifiers, etc., over the existing consolidation Tanks at D. P. Works	26,358	3,283	29,641
Providing Relief drains, etc., for preventing the flooding at Vincent Road near Poibavdi	25,871	...	25,871
Acquisition of land and construction of staff quarters at Dadar Purification Works	59,934	3,960	63,894
Renewing or remodelling the old subsidiary S.W. drains in the City—			
(1) Providing S.W. drain with the manhole and W.E. in portions of Cannon Road and Murzban Road	4,205	...	4,205
(2) Extension of S. W. drain along Cannon Road, Murzban Road and Bastian Road	2,746	...	2,746
(3) Providing 12" pipe drain with manholes and water gullies, etc., at T. Parashram Street between Sandhurst Road and Durgadevi Road	6,419	...	6,419
(4) Providing 12" pipe drain with manholes and water gullies at Dhabu Street between Sandhurst Road and Grant Road ...	14,864	...	14,864
(5) Providing 12" pipe drain with manholes in Packmodia Street between Guzar Street and Cooper 1st Street... ...	5,349	...	5,349
(6) S. W. Drain in Durgadevi Street	22,475	...	22,475
(7) S. W. Drain in Hope Street	12,760	...	12,760
(8) S. W. drains in Khoja Street	2,840	5,419	8,259
(9) S. W. drains in Garibdas Street ...	3,266	3,201	6,467
Providing under ground S.W. Drains in lieu of the existing open side drains in the City (1) D'Lima Street; (2) Matharpakhadi.	33,330	6,155	39,485

—	Capital Expenditure up to 31st March 1944.	Expenditure during the year.	Total Expenditure upto 31st March 1945.
X.—BUILDINGS, LAND MANAGEMENT AND ACQUISITION—*Contd.*	Rs.	Rs.	Rs.
Completed works—Brought forward...	17.292	...	17,292
Work in progress—Brought forward...	2,79,50,350	11,243	2,79,61,593
MAHIM DEVELOPMENT SCHEMES—			
Scheme I.—Construction of a proposed road from Lady Jamshedji Road to Mahim Station	4,68,591	...	4,68,591
Scheme II.—Construction of two proposed roads and a park between Nardulla Tank and Dadar Kumbharwada ...	7,82,121	Cr. 16	7,82,105
Scheme III.—Extension of the new DeLisle Road northwards to Lady Jamshedji Road	19,10,915	...	19,10,915
Scheme IV.—Widening and improving Lady Jamshedji Road ...	34,46,950	2,319	34,49,269
Scheme V.—Road in continuation of Mahim Bazaar Cross Road to Tulsi Pipe Line Road	3,21,171	...	3,21,171
Scheme VI.—Proposed Road between Matunga and Dadar Station connecting Lady Jamshedji Road with Tulsi Pipe Line Road (Road marked A, B)	63,485	...	63,485
Scheme VII.—Roads to be constructed in the area south of proposed Road between Matunga and Dadar Station as per Scheme No. VI. (Roads marked B C, C D and D E)	4,85,828	14,398	5,00,226
Scheme VIII.—Roads to the south and north of E. D. Sassoon Dye Works	2,76,670	...	2,76,670
Laying mains in Mahim Development Schemes	96,707	...	96,707
Diversion of water mains affected by the Mahim Development Works	3,149	...	3,149
Mahim Development Schemes—Total ...	78,55,587	16,701	78,72,288
Interest on Capital	70,10,837	...	70,10,837
X.—Buildings, Land Acquisition and Management Total ...	4,28,34,066	27,944	4,28,62,010
XI.—FIRE BRIGADE			
Works completed (as per Report for 1943-44)	11,83,561	...	11,83,561

Laying a gas main for supplying Sludge Gas to the Turner Sanatorium and Ramesh Premchand T. B. Hospital	36,844	5,118	41,962
Replacing the existing 2′×6″—3′×9″ ovoid Sewer by a 9″ Pipe Sewer along Khetwadi Back Road between Charni Road and Khetwadi 19th Lane	14,748	...	14,748
Reconstrucrion of the damaged Seawall of the Biological Installation at Banganga together with staff quarters etc. ...	71,805	Cr. 18	71,787
Laying Sewers in certain Roads in the City where no Sewers exist..	2,416	6,855	9,271
Providing Storm Water Drains in certain roads in the City where no S. W. Drains exist.	...	10,068	10,068
Providing a subsidiery sewer in Gowali chawl lane ...	...	69	69
	54,48,771	95,490	55,44,261
Drains and Sewers ...	3,83,88,067	95,490	3,84,83,557
VIII.—Roads, Drains and Sewers—Total...	7,70,29,928	4,15,904	*7,74,45,832
IX.—MECHANICAL.			
Works completed (as per Report for 1943-44)	30,49,554	...	30,49,554
Works in progress—			
Purchase of necessary Plant and Machinery to utilise surplus sludge gas available at the Sludge Digestion Plant to run the Municipal motor lorries	1,18,400	440	1,18,840
Renewing the old air and sealed Sewage mains in the City ...	386	12,483	12,869
Construction of the Floculator Tank at D. P. Works. ...	...	2,413	2,413
Renewing 15″ Sealed Sewage main of the Delisle Rd. Ejector. ...	...	20,034	20,034
	1,18,786	35,370	1,54,156
IX.—Mechanical—Total ...	31,68,340	35,370	32,03,710
X.—BUILDINGS, LAND ACQUISITION AND MANAGEMENT.			
COMPLETED WORKS TRANSFERRED FROM—			
XII.—Building Regulations and other measures for Public Safety—(As per Report for 1943-44)	17,292	...	17,292
Golanji Hill Road (Part expenditure booked under VIII.—Roads, etc.)	7,66,975	...	7,66,975
Hornby Road to Ballard Pier Road	1,93,04,415	1,435	1,93,05,850
Dalal Street	4,01,322	...	4,01,322
Mahim Park	60,92,632	6,218	60,98,850
Mahalaxmi Overbridge	13,64,333	3,590	13,67,923
Plant and Machinery	20,673	...	20,673
X—Bulding, etc. Carried forward...	2,79,50,350	11,243	2,79,61,593

*This, includes Rs. 15,995—1—0 met out of Premia on Loans.

Works in progress—			
Construction of a Fire Brigade Station at Memonwada ...	80,436	83,655	1,64,091
XI.—Fire Brigade—Total ...	12,63,997	83,655	13,47,652
XIII.—GARDENS AND OPEN SPACES.			
Works completed (as per Report for 1943-44)	36,76,874	...	36,76,874
XIV.—MARKETS AND SLAUGHTER HOUSES.			
Works completed (as per Report for 1943-44)	78,86,330	...	78,86,330
Work completed during the year—			
Construction of a combined Municipal Market at Worli on plots Nos. 208, 208 and 209 in Scheme No. 52, Worli	1,82,863	648	1,83,511
Total works completed ...	80,69,193	648	80,69,841
Works in progress—			
Construction of Fort Market	1,27,497	...	1,27,497
Improvements in Arthur Crawford Market ...	108	181	289
Additional works in the compound of Bandra Slaughter House ...	2,705	10,710	13,415
Works of (1) Renewing side walls of open channel drain (1) Provide concrete pavement around butchers chowls and constructing shed for stabling cattle in the compound of Bandra Slaughter House.	...	5,096	5,096
	1,30,310	15,987	1,46,297
XIV.—Markets and Slaughter Houses—Total ...	81,99,503	16,635	82,16,138
XV.—SLUM SERVICE.			
Works completed (as per Anual Report for 1943-44.) ...	1,27,492	...	1,27,492
Works in progress—			
Construction of storm water channel from Haines Road to Love Grove	1,58,281	...	1,58,281
Construction of Drains and filling in storm water channel from Fergusson Road to Haines Road	2,70,467	...	2,70,467
Closing of open storm water channels—			
(1) From Worli Road to Sluices	29,773	14,105	43,878
Realigning, regrading and covering of 750′ of open channel drain from Dadar to Century Mills	44,227	...	44,227
Realigning and regrading open storm water channel from Dadar Pumping Plant upto Century Mill	13,575	...	13,575
Works to be carried out by the side of the open drain from Matunga to Dharavi to pick up the sewage flowing into the open drain (1) 36″ Gravitation sewer along the open channel drain from 1400″ south of Lady Harding Road to the covered drain beyond Mahim loop line...	...	69	69
	5,16,323	14,174	5,30,497
XV.—Slum Service—Total ...	6,43,815	14,174	6,57,989

Appendix No. 8—*continued.*

—	Capital Expenditure up to 31st March 1944.	Expended during the year.	Total Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
XVI.—MEASURES FOR CIVIL DEFENCE.			
Purchase of Stores Equipment	80,637	77,745	158,382
DISCOUNT AND OTHER CHARGES ON THE LOANS			
Discount and other charges on the loans (as per Report for 1943-44)	4,86,690	...	†4,86,690
Discount and other charges on Rs. 20 lakhs loan for 1943-44 ...	15,000	15,012	30,012
Discount and other charges on Rs. 22 lakhs loan for 1944-45 ...	...	7,500	7,500
Discount and other charges—Total ...	5,01,690	22,512	5,24,202
PLANT AND MACHINERY.			
Completed Items—			
Plant and Machinery purchased (as per Report for 1943-44) ...	5,93,302	...	5,93,302
Works in progress—			
II.—Water Works—			
One 24" electrically operated Sluice Valve at Bhandarwada Hill Reservoir	3,987	1,391	5,378
Providing screen to inlet Bay at Vehar and outlet well at Tansa	16,875	23,738	40,613
Purchase of one Portable chlorinating unit ...	10,590	871	11,461
Providing 3 level indicating and recording instrument at B.H. Reservoir ...	4,509	305	4,814
Purchase of a chlorinator with accessories No. 1 ...	6,600	...	6,600
Providing one 24" electrically operated sluice valve at B. H. Reservoir ...	271	6,460	6,731
Conversion of one pair of hydraulically operated sluice valve outside the City into hand operated ones. ...	4,993	116	5,109
Additional Pumping set for the elevated Tank at Malbar Hill Reservoir ...	3,473	6,096	9,569

—	Capital Expenditure upto 31st March 1944.	Expended during the year.	Total Capital Expenditure up to 31st March 1945.
	Rs.	Rs.	Rs.
Plant and Machinery—Completed Works—Brought forward ...	5,93,302	...	5,93,302
Plant and Machinery—Works in progress Brought forward...	83,544	71,339	1,54,883
VIII.—Roads, Drains and Sewers—			
Purchase of an air compressor for Electric Motor ...	4,647	...	4,647
Purchase of one O. K. champion Sewer	...	76	76
IX.—Machanical—			
Taking over 9 lorries purchased for A.R.P. Measures and converting them for Municipal purposes ...	36,326	9,479	45,805
Suspense Account—			
Quarries and Crushers—			
Purchase of new motor (base shaft)	...	8,644	8,644
	1,24,517	89,538	2,14,055
	7,17,819	89,538	8,07,357
Assets written off	Cr. 1,72,337	Cr. 43,126	Cr. 2,15,463
Plant and Machinery—Total ...	5,45,482	46,412	5,91,894
TRUST FUNDS.			
Works completed (as per Report for 1943-44)	38,02,393	...	38,02,393
Works in progress—			
Extention of K.E.M. Hospital (expenditure under Fund)	4,89,908	...	4,89,908
Trust Fund Total ...	42,92,301	...	42,92,301
WORN-OUT WATER MAINS RENEWAL FUND			
Works completed (as per Report for 1943-44)	9,33,079	...	9,33,079
Enlarging 5" and 7" water main Naigaum Cross Road to 9" from Naigaum Road upto S. V. on in the west of the Railway Line.	25,926	1,543	27,469

Purchase and erection of two 'R' type Chlorinators ...	...	Cr. 44	Cr. 44
Conversion of hydraulically operated S. V. with hand operated ones, outside the City	...	9,644	9,644
V.—Public Health Department—			
Purchase of a cinema van	...	22,762	22,762
VII.—Street Cleansing and Conservancy—			
10 Steel wood composite wagons (1939-40)	32,246	...	32,246
Plant and Machinery Works in Progress carried forward ...	83,544	71,339	1,54,883
Plant and Machinery-completed Works-carried forward ...	5,93,302	...	5,93,302

Work in progress—			
Enlarging the 4" main in Mangesh Shenoy Street off Hornby Road, (A Ward)	1,868	113	1,981
	1,868	113	1,981
Worn-out Water Mains Renewal Fund—Total ...	9,60,873	1,656	9,62,529
LAND AND BUILDINGS FUND			
Lands purchased and buildings erected out of the Municipal Land and Buildings Fund—			
Works completed (as per Report for 1943-44)	43,03,044	...	43,03,044

†Out of this a sum of Rs. 11,004-15-0 was met out of Premia on Loans.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Statement showing (1) *the total amount of Municipal Loans raised* (2) *the expend*

—	Amount raised.	Amounts repaid out of cash balance.	Net amount available for expenditure.	I.—General Superintendence, Collection of Revenue.	II.—Water Works.	III.—Education, Primary.	V.—Public Health.	VI.—Medical Relief and Education	VII.— Clea Conserv Road W and Hab Serv
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.
Total of different Municipal loans raised (as per Annual Report for 1943-44) ...	25,78,84,658 0 3	1,08,97,520 4 0	24,69,87,137 12 3						
Less—*Loans repaid*—									
Advance from Land Sales Reserve Fund ...	18,75,000 0 0	2,29,150 3 10	16,45,849 12 2						
	25,97,59,658 0 3		24,86,32,987 8 5						
Loan of Rs. 20 Lakhs sanctioned for 1943-44; portion raised in 1944-45 ...	10,00,000 0 0	...	10,00,000 0 0						
Loan of Rs. 22 Lakhs sanctioned for 1944-45; portion raised in 1944-45 ...	5,00,000 0 0	...	5,00,000 0 0						
Advance from Special Funds for purchase of Plant & Machinery	89,537 4 6	...	89,537 4 6						
Advance from Special Funds for Renewal of surfaces of Roads for which no Renewal Fund exists and of Roads taken over from Ex-Trust. ...	38,571 7 0	...	38,571 7 0						
Total Rs. ...	26,13,87,766 11 9	1,11,26,670 7 10	25,02,61,096 3 11	13,91,749 12 5	9,97,11,572 8 10	22,92,211 4 11	36,24,738 11 6	75,10,349 2 8	90,11,74
Works executed out of Special Funds and Contributions :—									
1) Out of Contributions from—									
G.I.P. Railway for removing and relaying 32" Vehar Main, South of Kurla ...				...	3,74,000 0 0	...	...	...	...
Port Trust for Wari Bunder Road ...				...	...	...	...	...	...
Government for Construction of Primary School Buildings ...				...	...	5,00,000 0 0	...	...	...
(2) Out of Premia on Loans ...				...	2,40,000 0 0	...	...	...	...
(3) Out of Special Funds—									
Invested Fund ...				7,34,326 8 3	...	...	...	...	...
Nesbit Road Invested Fund ...				...	...	...	...	...	...
Road Improvement Fund ...				...	...	...	...	...	...
Loan Works Establishment ...				...	...	...	...	...	...
Development Fund Receipts ...				...	1,40,647 12 7	...	...	...	3,02,317
Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children ...				...	...	...	...	7,00,000 0 0	...
Contribution from Government out of the Provincial Share of Petrol Tax Fund for widening the Love Grove Bridge.				...	...	...	...	...	...
				21,26,076 4 8	10,04,66,220 5 5	27,92,211 4 11	36,24,738 11 6	82,10,349 2 8	93,14,065
Deduct—									
Plague Expenditure ...				...	...	...	20,00,000 0 0	...	...
Amounts written off on account of properties not existing ...				82,305 14 10	...	...	3,912 13 0	...	2,21,576
Expenditure on account of Municipal Printing Press Machinery transferred *Vide* C. R. No. 856 of 11-12-40 ...				...	...	...	20,03,912 13 0 ...	...	...
Total Rs. ...				20,43,770 5 10	10,04,66,220 5 5	27,92,211 4 11	16,20,825 14 6	82,10,349 2 8	90,92,489

J. K. DARUVALA,
Chief Accountant.

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ɔurred there against and (3) *the invested balances of the Loans on 31st March 1945.*

VIII.—Roads, Drains and Sewers.	IX.—Mechanical.	X.—Buildings, Land Acquisition and Management.	XI.—Fire Brigade.	XIII.—Gardens and Open Spaces.	XIV.—Markets and Slaughter Houses.	XV.—Slum Service.	XVI.—Measures for civil Defence.	Discount and other charges on Loans.	Plant and Machinery.	Total amount Expended on Works up to 31st March 1945.	Bala unexpend 1st Apri
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.
7,74,05,729 3 3	32,03,710 4 7	2,98,72,899 15 10	13,47,651 14 9	36,59,004 4 1	82,02,788 2 4	6,57,989 4 6	1,58,381 14 0	5,13,196 15 3	9,36,003 4 6	24,94,99,725 1 8	7,61,371
...	...	...	...	...	...	...	...	...	...		Rs.
1,56,500 0 0	...	...	...	...	...	...	...	...	...	Total Receipts (Col. 4) ...	25,02,61,096
...	...	...	...	...	...	...	...	...	...		
15,995 1 0	...	...	...	...	53,848 11 11	...	...	11,004 15 0	...		
...	...	...	...	...	...	...	...	...	...		
49,844 8 0	...		...	...	...	...	...	...	...	Total expenditure (Col. 21)	24,94,99,725
19,000 0 0	...	...	...	...	...	...	...	...	...	Balance ...	7,61,371
...	...	...	...	17,869 15 8	...	...	...	...	...		
...	...	1,29,89,110 7 5	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...	...		
91,234 0 0	...	...	...	...	...	...	...	...	...		
,77,38,302 12 3	32,03,710 4 7	4,28,62.010 7 3	13,47,651 14 9	36,76,874 3 9	82,56,636 14 3	6,57,989 4 6	1,58,381 14 0	5,24,201 14 3	9,36,003 4 6		
...	...	...	...	...	...	...	...	...	...		
2,92,469 15 0	...	...	...	...	40,499 14 11	...	...	...	2,15,463 6 0		
...	...	...	...	...	...	...	...	...	1,28,647 0 0		
,74,45,832 13 3	32,03,710 4 7	4,28,62,010 7 3	13,47,651 14 9	36,76,874 3 9	82,16,136 15 4	6,57,989 4 6	1,58.381 14 0	5,24,201 14 3	5,91,892 14 6		

U. M. MIRCHANDANI,
Municipal Commission

Appendix No. 10.
SINKING FUND.

Statement showing the Actual Investments on account of the Sinking Fund of different Municipal Loans upto 31st March 1945, compared with the amounts which should have accumulated upto that date on the basis of the Fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1945.

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated up to 31st March 1945 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			† Rs.		Rs.
6 per cent. Municipal Loans (4 per cent. basis).						
160 Lakhs Loan for the Improvement of Water Supply in Bombay.	1,60,00,000	Between 22nd September 1924 and 31st March 1925 (First issue). Between 18th November 1924 and 31st March 1925 (Second issue).	1st December 1954 ...	2,85,280	1st December 1925 ...	86,08,36[illegible]
5 and 6 per cent. Municipal Loans (3½ per cent. basis).						
147 Lakhs Tansa Water Works Loan ...	1,47,00,000	Between 5th June 1886 and 24th Dec. 1891.	(a) Between 1st January 1928 and 1st January 1953.	4,51,040	1st January 1893 ...	(a) 28,59,21[illegible]
10 Lakhs Loan for the Conversion of S.W. Reservoir at Clerk Road into a Public Park.	10,00,000	2nd July 1920 ...	1st July 1980 ...	5,089	1st July 1921 ...	1,91,47[illegible]
25 Lakhs Loan for the construction of roads, miscellaneous works including Development Works.	25,00,000	1st January 1928	1st January 1958 ...	48,428	1st January 1929 ...	11,09,18[illegible]
37 Lakhs Loan (1929-30) ...	26,21,500	From 19th July 1929 to 1st August 1929.	1st August 1959 ...	50,782	1st August 1930 ...	10,02,71[illegible]
31.43 Lakhs Loan for the repayment of 40 Lakhs Loan due 19th December 1929.	26,14,000	Do.	1st August 1959 or at the option of the Corporation on or after 1st August 1949 on giving three months' notice by public advertisement.	50,637	Do. ...	9,99,85[illegible]
28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929.	8,45,500	Do.	1st August 1959 or at the option of the Corporation on or after 1st August 1954 on giving three months' notice by public advertisement.	16,379	Do. ...	3,23,41[illegible]
40 Lakhs Loan (1930-31) ...	40,00,000	From 20th September 1930 to 6th October 1930.	1st September 1960 or at the option of the Corporation on or after 1st September 1950 on giving 3 Months' notice by public advertisement.	77,484	1st June 1931	14,09,65[illegible]
4 per cent. Municipal Loans (3½ per cent. basis.)						
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	17th and 18th July 1899.	1st November 1939 ...	...	...	1,000
19¼ Lakhs Loan for Sewerage Roads and other Sanitary Works.	19,25,000	18th and 19th July 1899 and Sept. 1900.	1st June 1940 ...	...	...	3,000
24¾ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	6 Lakhs between 15th June and 1st July 1901. 11 lakhs between 23rd August and 31st October 1901. 4 lakhs between 19th August and 28th October 1902 and 3¾ lakhs on 9th September 1903.	1st June 1943 ...			7,000
30 Lakhs Loan or Buildings Drainage Works, etc.	30,00,000	1st November 1920 ...	1st January 1951 ...	58,113	1st January 1922 ...	21,49,432
						1,00,55,931
					Carried forward ...	1,86,64,295

(a)

Rs.	Repayable on	Less— Repaid—	Rs.	Balance. Rs.
2,00,000	1-1-1928.	From 1-1-1928 ...	2,00,000	...
52,91,500	1-1-1933.	„ 1-1-1933 to 31-3-1940 ...	52,91,500	...
22,08,500	1-1-1943.	„ 1-1-1943 to 31-3-1945 ...	22,07,500	1,000(a)
17,00,000	1-1-1946.		...	17,00,000
10,00,000	1-1-1948.		...	10,00,000
43,00,000	1-1-1953		...	43,00,000
Rs. 1,47,00,000			76,99,000	70,01,000

† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 190[illegible] and were further re-arranged from 1st April 1928 as per Corporation Resolution No. 6114 of 12th September 1927.

Appendix No. 10—*concluded.*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1945 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			Rs.		Rs.
4 per cent. Municipal Loans (3 per cent. basis).					Brought over ...	1,86,64,295
2nd 24¾ Lakhs Loan for Sewerage Works.	24,75,000	12 lakhs on 3rd September 1905, and 12¾ lakhs on 9th September 1907.	1st August 1946 ...	32,823	1st August 1907 ...	23,15,403
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries.	13,50,000	7th August 1908 ...	1st May 1938 ...	...	...	9,000
15 Lakhs Loan for Street Improvements.	15,00,000	29th July 1909 ...	1st May 1949 ...	19,893	1st May 1910 ...	12,35,840
30 Lakhs Loan for the acquisition of sites for the construction of various Over-bridges in the City.	30,00,000	29th July 1909 and 10th August 1910.	1st May 1949 ...	40,448	1st November 1910 and subsequent instalments from 1st May 1911 and 1st May 1929.	24,68,546
70 Lakhs Loan for reduplication of Tansa Main and other Auxiliary Works.	70,00,000	9th September 1913, 22nd July 1914 and 10th April 1915.	Rs. 49,40,000 on 1st June 1954. ,, 20,60,000 on 1st June 1974. Rs. 70,00,000	78,148	1st June 1915 ...	38,10,846
20 Lakhs Loan for Street Improvements.	20,00,000	9th September 1913 and 24th September 1915.	1st May 1955 ...	26,524	1st May 1916 ...	12,32,354
43 Lakhs Loan for Drainage Water and Miscellaneous Works.	43,00,000	1st August and 24th September 1915.	1st May 1945 ...	90,382	1st May 1916 ...	41,99,348
						1,52,71,337
3½ per cent. Municipal Loans (3 per cent. basis).						
9 Lakhs Loan (1935-36) ...	9,00,000	31st January 1936 ...	14th March 1966 ...	18,917	14th March 1937 ...	1,92,465
48 Lakhs Loan (1940-41) ...	48,00,000	Between 1st March 1941 and 15th January 1942.	1st March 1971 ...	1,00,891	1st March 1942 ...	4,23,145
25 Lakhs Loan (1941-42) ...	25,00,000	Between 1st September 1942 and 15th February 1943.	1st March 1972 ...	52,548	1st March 1943 ...	1,62,825
20 L hs Loan (1943-44)	20,00,000		1st March 1974 ...	42,039	1st March 1945 (1)	42,144
						8,20,579
3 per cent. Municipal Loans (3 per cent. basis).						
24½ Lakhs Loan (1936-37) ...	18,50,000 6,00,000	1st November 1936 ... 1st June 1937 ...	1st February 1967 ...	51,498	1st February 1938 ...	4,60,223
30 Lakhs Loan (1937-38) ...	30,00,000	1st April 1938 ...	14th March 1968 ...	63,058	14th March 1939 ...	4,83,893
30 Lakhs Loan (1938-39) ...	30,00,000	Between 16th January 1939 and 1st June 1939.	1st March 1969 ...	63,058	1st March 1940 ...	4,08,901
64 Lakhs Loan (1939-40) ...	64,00,000	Between 1st December 1939 and 1st September 1940.	1st March 1970 ...	1,34,523	1st March 1941 ...	7,15,985
						20,69,002
					Total Rs. ...	3,68,25,213

	Amount actually invested upto 31st March 1945.				Amount of Interest accrued upto 31st March 1945 collected and invested in 1945-46.	Total of Columns 5 and 6
	Amount of Sinking Fund invested upto 31st March 1944.	Sinking Fund Instalments paid in 1944-45.	Interest, etc., accumulations invested in 1944-45.	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds	3,32,83,832 14 6	18,57,982 0 0	13,91,112 4 0	3,65,32,927 2 6		
Deduct—Withdrawn for repayment of Loans ...				† 4,000 0 0		
Total Sinking Funds ...				3,65,28,927 2 6		
In Public Securities as detailed in Appendix No. 16-A ...				3,65,28,686 13 2		
In Cash with the Imperial Bank of India.				240 5 4		
Total ...				3,65,28,927 2 6	3,65,789 4 1	3,68,94,716 6 7

† The market value of the securities on 31st March 1945 is Rs. 3,88,99,021-13-8 as shown in Appendix No. 16-A and after adding the cash balance of Rs. 240-5-4 and the interest accrued on the securities upto 31st March 1945 amounting to Rs. 3,65,789-4-1 the total amount of Sinking Fund is Rs. 3,92,65,051-7-1.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Statement showing Outstanding Loans due by the Municipality, the interest outstanding on l[…] Imperial Bank of India, and in Office during that yea[…]

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1944.	Amount raised in 1944-45	Total.	Amount re-paid in 1944-45
1	2	3	4	5	6	7
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
	Loans raised from Government.					
1	Vehar Water Works Debt ...	4 per cent	8,39,916 0 9		A 8,39,916 0 9	81,856 1
2	Conversion Loan for the repayment of Rs. 125 Lakhs taken from Government out of the 6½ per cent. Bombay Development Loan ...	3½ per cent.	43,51,755 2 0		B 43,51,755 2 0	5,63,648 15
		5½ per cent. (inclusive of Income-tax).	23,28,068 3 0		C 23,28,068 3 0	2,06,823 4
3	2nd Instalment out of the Loan of Rs. 1½ crores for Water Works Roads, Drainage and Sewerage, &c.	4¾ per cent.	11,08,740 4 0		C 11,08,740 4 0	1,01,592 14
4	140 Lakhs Loan for General Supervision, Fire Brigade, &c., purposes	5½ per cent.	54,74,041 3 0		C 54,74,041 3 0	4,86,310 12
		5¼ per cent.	12,62,905 1 0		C 12,62,905 1 0	99,241 8
5	65 Lakhs Loan for Tansa Triplication Scheme ...	5½ per cent.	32,73,397 9 0		C 32,73,397 9 0	2,57,227 10
6	2½ Crores Loan for Water Works, General Supervision and Development &c., purposes	5¼ per cent.	54,51,953 6 0		C 54,51,953 6 0	4,28,422 7
		5¼ per cent.	64,08,890 9 0		D 64,08,890 9 0	5,03,620 4
7	2 Crores Loan for major Development Works	5 per cent.	68,81,201 6 0		C 68,81,201 6 0	4,84,360 15
		5 per cent.	12,55,727 9 0		D 12,55,727 9 0	88,389 10
		5¼ per cent.	29,44,606 15 0		C 29,44,606 15 0	1,82,334 2
8	150 Lakhs Loan (1925-26)	5¼ per cent.	23,55,685 11 0		C 23,55,685 11 0	1,45,868 8
		5 per cent.	18,33,203 15 0		C 18,33,203 15 0	1,03,493 13
		5 per cent.	24,44,254 14 0		C 24,44,254 14 0	1,37,993 4
		3¾ per cent.	24,74,739 11 0		C 24,74,739 11 0	1,37,627 4
	Total Loans raised from Government Rs.		5,06,89,087 6 9		5,06,89,087 6 9	40,08,811 3
	Loans raised from the Public.					
1	The Tansa Water Works Loan (Rs. 147 Lakhs) ...	5 per cent.	70,03,000 0 0		70,03,000 0 0	(a) 2,000 0 0
2	The 13½ Lakhs Loan for the construction of quarters for Halalkhores and Bigaries ...	4 per cent.	9,000 0 0		9,000 0 0	(a)
3	25 Lakhs Loan for Sewerage, Water and other Sanitary Works ...	4 per cent.	1,000 0 0		1,000 0 0	(a)
4	19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works ...	4 per cent.	3,000 0 0		3,000 0 0	(a)
5	24¾ Lakhs Loan for certain Sewerage and Water Works ...	4 per cent.	9,000 0 0		9,000 0 0	(a) 2,000 0 0
6	The 2nd 24¾ Lakhs Loan for certain Sewerage Works	4 per cent.	24,75,000 0 0		24,75,000 0 0	(a)
7	The 15 Lakhs Loan for Street Improvements ...	4 per cent.	15,00,000 0 0		15,00,000 0 0	(a)
8	The 30 Lakhs Loan for the Acquisition of Sites for the Construction of Overbridges...	4 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
9	The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works ...	4 per cent.	70,00,000 0 0		70,00,000 0 0	(a)
10	The 20 Lakhs Loan for Street Improvements ...	4 per cent.	20,00,000 0 0		20,00,000 0 0	(a)
11	The 43 Lakhs Loan for Drainage Water, Roads and Miscellaneous Works ...	4 per cent.	43,00,000 0 0		43,00,000 0 0	(a)
12	The 10 Lakhs Loan for the Conversion of the Storm Water Reservoir at Clerk Road into a Public Park ...	5 per cent.	10,00,000 0 0		10,00,000 0 0	(a)
13	The 30 Lakhs Loan for the construction of Building and Drainage Works and the Acquisition of Land for different purposes	4 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
14	160 Lakhs Loan for the Improvement of the Water Supply in Bombay (First Issue).	6 per cent.	67,77,000 0 0		67,77,000 0 0	(a)
	Carried over Rs. ...		3,80,77,000 0 0		3,80,77,000 0 0	4,000 0 0
	Carried over Rs. ...		5,06,89,087 6 9		5,06,89,087 6 9	40,08,811 3 0

A—The loan is payable in monthly instalments of Rs. 9,498 (Principal and Interest) out of Revenue. No Sinking Fund has been created for this loan.

B—This loan is repayable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 15 years. No Sinking Fund has been created for this loan.

C—These loans are payable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 30 years. No Sinking Fund has been created for these loans.

D—These loans are raised for development purposes. The programmes of repayment have been approved under Corporation Resolutions Nos. 5253 o[…] September 1928 and 81 of 3rd May 1934.

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been investe[…] as shown in detail in Appendix No. 10.

No 11.

April 1944 on the different Loans, the amount payable for the year 1944-45 the amount paid by the and the balances outstanding on 31st March 1945.

Balance due on 31st March 1945.	Interest outstanding on 1st April 1944.	Interest payable in 1944-45	Total interest due	Deduct—Interest paid by the Imperial Bank of India and in Office.	Outstanding balance on 31st March 1945
8	9	10	11	12	13
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
7,58,059 15 9	...	32,119 15 0	32,119 15 0	32,119 15 0	...
37,88,106 3 0	...	1,41,432 1 0	1,41,432 1 0	1,41,432 1 0	...
21,21,244 15 0	...	1,28,043 12 0	1,28,043 12 0	1,28,043 12 0	...
10,07,147 6 0	...	52,665 2 0	52,665 2 0	52,665 2 0	...
49,87,730 7 0	...	3,01,072 4 0	3,01,072 4 0	3,01,072 4 0	...
11,63,663 9 0	...	66,302 8 0	66,302 8 0	66,302 8 0	...
30,16,169 15 0	...	1,71,853 6 0	1,71,853 6 0	1,71,853 6 0	...
50,23 530 15 0	...	2,86,227 9 0	2,86,227 9 0	2,86,227 9 0	...
59,05,270 5 0	...	3,36,466 12 0	3,36,466 12 0	3,36,466 12 0	...
63,96,840 7 0	...	3,44,060 1 0	3,44,060 1 0	3,44,060 1 0	...
11,67,337 15 0	...	62,786 6 0	62,786 6 0	62,786 6 0	...
27,62,272 13 0	...	1,54,591 14 0	1,54,591 14 0	1,54,591 14 0	...
22,09,817 3 0	...	1,23,673 8 0	1,23,673 8 0	1,23,673 8 0	...
17,29,710 2 0	...	91,660 3 0	91,660 3 0	91,660 3 0	...
23,06,261 10 0	...	1,22,212 12 0	1,22,212 12 0	1,22,212 12 0	...
23,37,112 7 0	...	92,802 12 0	92,802 12 0	92,802 12 0	...
4,66,80,276 3 9	...	25,07,970 13 0	25,07,970 13 0	25,07,970 13 0	...
70,01,000 0 0	10,755 0 0	3,50,000 0 0 F 4,332 0 0	3,65,087 0 0	3,52,452 12 0	12,633 8 0 *0 12 0
E 9,000 0 0	1,702 14 0	...	1,702 14 0	...	1,702 14 0
E 1,000 0 0	1,010 12 0	...	1,010 12 0	...	1,010 12 0
E 3,000 0 0	1,510 10 4	...	1,510 10 4	...	1,510 10 4
E 7,000 0 0	2,095 15 8	...	2,095 15 8	414 10 0	1,681 5 8
24,75,000 0 0	870 0 0	99,000 0 0	99,870 0 0	99,040 0 0	830 0 0
15,00,000 0 0	5,597 3 0	60,000 0 0	65,597 3 0	64,040 10 0	1,556 9 0
30,00,000 0 0	22,356 1 0	1,20,000 0 0	1,42,356 1 0	1,19,255 4 0	23,100 13 0
70,00,000 0 0	7,761 7 2	2,80,000 0 0	2,87,761 7 2	2,78,891 10 0	8,869 13 2
20,00,000 0 0	848 2 0	80,000 0 0	80,848 2 0	77,635 10 0	3,212 8 0
43,00,000 0 0	...	1,72,000 0 0	1,72,000 0 0	1,72,000 0 0	...
10,00,000 0 0	...	50,000 0 0	50,000 0 0	50,000 0 0	...
30,00,000 0 0	...	1,20,000 0 0	1,20,000 0 0	1,20,000 0 0	...
67,77,000 0 0	43,449 4 0	4,06,620 0 0	4,50,069 4 0	4,01,881 1 0	48,188 3 0
,80,73,000 0 0	97,957 5 2	17,41,952 0 0	18,39,909 5 2	17,35,611 9 0	1,04,297 0 2 *0 12 0
.66,80,276 3 9	...	25,07,970 13 0	25,07,970 13 0	25,07,970 13 0	...

*To be treated as savings.

E—Debentures in respect of these loans have remained unpaid owing to their not having been surrendered for repayment upto 31st March 1945. The Debentures do not carry interest from and after the due dates and will be paid when surrendered for repayment by the holders, out of the Sinking Fund Investments.

F—Debentures of the face value of Rs. 10,500 due on 1st January 1933 were not presented by the holder within six years from the date of Maturity and the amount thereof was credited to revenue as the claim had become time-barred. As the holder claimed the amount in 1944-45 it was sanctioned to be paid out of revenue under Corporation Resolution No. 663 dated the 6th November 1944. The amount of interest represents balance of unpaid interest on the debentures. The actual interest paid is Rs. 4,331-4-0.

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1944.	Amount raised in 1944-45.	Total.	Amount re-paid in 1944-45.
1	2	3	4	5	6	7
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
	Brought forward ...		5,06,89,087 6 9		5,06,89,087 6 9	40,08,811 3
	Brought forward ...		3,80,77,000 0 0		3,80,77,000 0 0	4,000 0
	Loans raised from the Public—*contd.*					
15	160 LakhsLoan for the Improvement of the Water Supply in Bombay (Second Issue).	6 per cent.	92,23,000 0 0		92,23,000 0 0	(a)
16	Rs. 25 Lakhs Loan (1927-28) ...	5 per cent.	25,00,000 0 0		25,00,000 0 0	(a)
17	Rs. 37 Lakhs Loan (1929-30) ...	5 per cent.	26,21,500 0 0		26,21,500 0 0	(a)
18	Rs. 31.43 Lakhs Loan for the repayment of Rs. 40 Lakhs Loan due 19th December 1929 ...	5 per cent.	26,14,000 0 0		26,14,000 0 0	(a)
19	Rs. 28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929 ...	5 per cent.	8,45,500 0 0		8,45,500 0 0	(a)
20	Rs. 40 Lakhs Loan (1950-60) ...	6 per cent.	40,00,000 0 0		40,00,000 0 0	(a)
21	Rs. 9 Lakhs Loan (1935-36) ...	3½ per cent.	9,00,000 0 0		9,00,000 0 0	(a)
22	Rs. 24½ Lakhs Loan (1936-37)	3 per cent.	24,50,000 0 0		24,50,000 0 0	(a)
23	Rs. 30 Lakhs Loan (1937-38) ...	3 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
24	Rs. 30 Lakhs Loan (1938-39) ...	3 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
25	Rs. 64 Lakhs Loan (1939-40) ...	3 per cent.	64,00,000 0 0		64,00,000 0 0	(a)
26	Rs. 48 Lakhs Loan (1940-41)	3½ per cent.	48,00,000 0 0		48,00,000 0 0	(a)
27	Rs. 25 Lakhs Loan (1941-42)	3½ per cent.	25 00,000 0 0		25,00,000 0 0	(a)
28	Rs. 20 Lakhs Loan (1943-44) ...	3½ per cent.	10,00,000 0 0	10,00,000 0 0	20,00,000 0 0	(a)
29	Rs. 22 Lakhs Loan (1944-45) ...	3½ per cent.	...	5,00,000 0 0	5,00,000 0 0	
	Total Loans raised from the public ...		8,39,31,000 0 0	15,00,000 0 0	8,54,31,000 0 0	4,000 0
	Advances from Special Funds for Capital Works.					
1	Rs. 8½ lakhs Advance from Plant and Machinery Depreciation Fund (1931-32)	5 per cent.	6,25,590 14 0		6,25,590 14 0	22,237 7
	Rs. 13 lakhs Advance from Special Fund (1932-33)					
2	Rs. 8 lakhs from Renewal of Road Surfaces Fund ...	4½ per cent.	6,08,761 4 0		6,08,761 4 0	20,945 12
3	Rs. 1½ lakhs from Plant and Machinery Depreciation Fund ...	4½ per cent.	1,14,138 14 0		1,14,138 14 0	3,927 12
4	Rs. 3½ lakhs from Plant and Machinery Depreciation Fund ...	4½ per cent.	2,79,502 8 0		2,79,502 8 0	8,909 7
	Rs. 11 lakhs Advance from Special Funds (1933-34).					
5	Rs. 5 lakhs form Municipal Fire and Accident Insurance Fund ...	4 per cent.	3,92,965 8 0		3,92,965 8 0	13,196 6
6	Rs. 3 lakhs from Renewal of Road Surfaces Fund ...	4 per cent.	2,43,392 10 0		2,43,392 10 0	7,613 4
7	Advance from Net Premia fund for repayment of an advance from Fines Fund ...	4 per cent.	2,35,779 6 0		2,35,779 6 0	7,917 13
	Rs. 8.69 lakhs Advance form Special Funds					
8	Rs. 5 lakhs from Net Premia Fund ...	4 per cent.	4,05,654 5 0		4,05,654 5 0	12,688 13
9	Rs. 3.69 lakhs from Net Premia Fund ...	4 per cent.	3,08,379 10 0		3,08,379 10 0	9,003 13
	Advances from Land Sales Reserve Fund					
10	Rs. 18.75 lakhs (1937-38) ...	3 per cent.	18,75,000 0 0		18,75,000 0 0	2,29,150 3
11	Rs. 3.50 lakhs (1938-39) ...	3 per cent.	3,50,000 0 0		3,50,000 0 0	...
			54,39,164 15 0	...	54,39,164 15 0	3,35,590 10
	Advances for purchase of Plant and Machinery from Net Premia Fund—					
12	Advance of Rs. 83,000 taken in 1936-37 ...	3 per cent.	51,446 0 0		51,446 0 0	5,064 10
13	Advance of Rs.1,91,500 taken in 1937-38...	3 per cent.	1,05,301 10 0		1,05,301 10 0	10,364 15
14	Advance of Rs.2,16,600 taken in 1938-39...	3 per cent.	1,24,708 14 0		1,24,708 14 0	8,786 12
15	Advance of Rs.1,71,400 taken in 1939-40...	3 per cent.	94,141 11 0		94,141 11 0	6,633 12
16	Advance of Rs. 40,100 taken in 1940-41 ...	3 per cent.	32,162 9 0		32,162 9 0	2,806 2
17	Advance of Rs. 43,200 taken in 1941-42 ...	3 per cent.	39,170 7 0		39,170 7 0	2,105 14
18	Advance of Rs. 27,100 taken in 1942-43 ...	3 per cent.	24,984 0 0		24,984 0 0	2,179 8
19	Advance of Rs. 73,566 taken in 1943-44 ...	3 per cent.	73,566 0 0		73,566 0 0	5,184 0
20	Advance of Rs. 89,537-4-6 taken in 1944-45	3 per cent.	...	89,537 4 6	89,537 4 6	...
	Total ...		5,45,481 3 0	89,537 4 6	6,35,018 7 6	43,125 9
	Advance from Net Premia Fund for meeting expenditure on Renewal of Road Surface for which no provision exists in the Renewal of Road Surface Fund—					
21	Advance of Rs. 31,200 taken in 1940-41 ...	3 per cent.	26,013 8 0		26,013 8 0	1,833 10
22	Advance of Rs. 33,800 taken in 1941-42 ...	3 per cent.	30,111 8 0		30,111 8 0	1,927 11
23	Advance of Rs. 26,072-10-0 taken 1943-44	3 per cent.	26,072 10 0		26,072 10 0	1,401 13
24	Advance of Rs. 38,571-7-0 taken in 1944-45	3 per cent.	...	38,571 7 0	38,571 7 0	...
	Total ...		82,197 10 0	38,571 7 0	1,20,769 1 0	5,163 2
	Total Advances from Special Funds ...		60,66,843 12 0	1,28,108 11 6	61,94,952 7 6	3,83,879 5
	Grand Total ...		14,06,86,931 2 9	16,28,108 11 6	14,23,15,039 14 3	43,96,690 8

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has [illegible] invested as shown in detail in Appendix No. 10.

J. K. DARUVALA,

Chief Accountant.

o. 11—concluded.

Balance due n 31st March 1945.	Interest outstanding on 1st April 1944	Interest payable in 1944-45	Total Interest due.	Deduct—Interest paid by the Imperial Bank of India and in Office.	Outstanding Balance on 31st March 1945
8	9	10	11	12	13
Rs. a. p	Rs. a p.	Rs. a p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
,66,80,276 3 9	...	25,07,970 13 0	25,07,970 13 0	25,07,970 13 0	...
,80,73,000 0 0	97,957 5 2	17,41,952 0 0	18,39,909 5 2	17,35,611 9 0	1,04,297 0 2 * 0 12 0
92,23,000 0 0	28,951 9 0	5,53,380 0 0	5,82,331 9 0	5,60,064 9 0	22,267 0 0
25,00,000 0 0	...	1,25,000 0 0	1,25,000 0 0	1,25,000 0 0	...
26,21,500 0 0	9,461 2 0	1,31,075 0 0	1,40,536 2 0	1,34,664 15 0	5,871 3 0
26,14,000 0 0	18,048 7 0	1,30,700 0 0	1,48,748 7 0	1,39,887 13 0	17,860 10 0
8,45,500 0 0	3,180 1 0	42,275 0 0	45,455 1 0	41,976 2 0	3,478 15 0
40,00,000 0 0	27,014 13 0	2,40,000 0 0	2,67,014 13 0	2,45,464 14 0	21,549 15 0
9,00,000 0 0	15,750 0 0	31,500 0 0	47,250 0 0	...	47,250 0 0
24,50,000 0 0	...	73,500 0 0	73,500 0 0	73,500 0 0	...
30,00,000 0 0	...	90,000 0 0	90,000 0 0	90,000 0 0	...
30,00,000 0 0	...	90,000 0 0	90,000 0 0	90,000 0 0	...
64,00,000 0 0	...	1,92,000 0 0	1,92,000 0 0	1,92 000 0 0	...
48,00,000 0 0	...	1,68,000 0 0	1,68,000 0 0	1,68,000 0 0	...
25,00,000 0 0	...	87,500 0 0	87,500 0 0	87,500 0 0	...
20,00,000 0 0	...	70,000 0 0	70,000 0 0	45,305 8 8	*24,694 7 4
5,00,000 0 0	...	42,627 0 0	42,627 0 0	...	*42,627 0 0
54,27,000 0 0	2,00,363 5 2	38,09,509 0 0	40,09,872 5 2	37,19,975 6 8	2,22,574 11 2 *67,322 3 4
6,03,353 7 0	...	31,279 9 0	31,279 9 0	31,279 9 0	...
5,87,815 8 0	...	27,394 4 0	27,394 4 0	27,394 4 0	...
1,10,211 2 0	...	5,136 4 0	5,136 4 0	5,136 4 0	...
2,70,593 1 0	...	12,577 9 0	12,577 9 0	12,577 9 0	...
3,79,769 2 0	...	15,718 10 0	15,718 10 0	15,718 10 0	...
2,35,779 6 0	...	9,735 12 0	9,735 12 0	9,735 12 0	...
2,27,861 9 0	...	9,431 3 0	9,431 3 0	9,431 3 0	...
3,92,965 8 0	...	16,226 3 0	16,226 3 0	16,226 3 0	...
2,99,375 13 0	...	12,335 3 0	12,335 3 0	12,335 3 0	...
16,45,849 12 2	...	56,250 0 0	56,250 0 0	56,250 0 0	...
3,50,000 0 0	...	10,500 0 0	10,500 0 0	10,500 0 0	...
51,03,574 4 2	...	2,06,584 9 0	2,06,584 9 0	2,06,584 9 0	...
46,381 6 0	...	1,543 6 0	1,543 6 0	1,543 6 0	...
94,936 11 0	...	3,159 1 0	3,159 1 0	3,159 1 0	...
1,15,922 2 0	...	3,741 4 0	3,741 4 0	3,741 4 0	...
87,507 15 0	...	2,824 4 0	2,824 4 0	2,824 4 0	...
29,356 7 0	...	964 14 0	964 14 0	964 14 0	...
37,064 9 0	...	1,175 2 0	1,175 2 0	1,175 2 0	...
22,804 8 0	...	749 8 0	749 8 0	749 8 0	...
68,332 0 0	...	8,728 15 0	8,728 15 0	2,207 0 0	*6,521 15 0
89,537 4 6	...	...	...	...	...
5,91,892 14 6	...	22,886 6 0	22,886 6 0	16,364 7 0	*6,521 15 0
24,179 14 0	...	780 6 0	780 6 0	780 6 0	...
28,183 13 0	...	903 5 0	903 5 0	903 5 0	...
24,670 13 0	...	1,424 1 0	1,424 1 0	782 3 0	*641 14 0
38,571 7 0	...	...	...	...	...
1,15,605 15 0	...	3,107 12 0	3,107 12 0	2,465 14 0	*641 14 0
58,11,073 1 8	...	2,32,578 11 0	2,32,578 11 0	2,25,414 14 0	*7,163 13 0
,79,18,349 5 5	2,00,363 5 2	65,50,058 8 0	67,50,421 13 2	64,53,361 1 8	2,22,574 11 2 *74,486 0 4

*To be treated as savings.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 12.

WATER WORKS ACCOUNT.

Revenue Account for the year ended 31st March 1945.

INCOME.	Rs.	EXPENDITURE.	Rs.
Water Tax and other Miscellaneous Water Works Revenue—*Vide* details in Appendix —No. 3) ...	1,11,29,420	General Superintendence (⅛th proportion of) ...	1,14,623
		Assessment and collection Charges (3/10th proportion of) ...	1,97,255
		Provident Fund, Pension, etc., charges ...	1,08,685
*This includes Rs. 68,51,032. being the amount of Water Tax by measurement, realised during 1944-45 as shown in the following statement :—		Maintenance of Water Works (*vide* Appendix No. 4) ...	12,60,989
		New Works (*vide* Appendix No. 4) ...	19,542
			17,01,094
		Surplus carried down ...	94,28,326
Total Rs. ...	1,11,29,420	Total Rs. ...	1,11,29,420

Net Revenue Account for the year ended 31st March 1945.

	Rs.		Rs.
Surplus brought down ...	94,28,326	Interest on Water Works Loans (Debt) ...	
		Due to Government—	
		Vehar Debt ...	32,120
		75 Lakhs out of 1½ Crores Loan ...	1,29,943
		65 Lakhs Loan for Tansa Triplication Scheme ...	1,71,853
		2 Crores Loan for Major Development Works ...	3,02,431
		2½ Crores Loan for General Supervision, Water Works, etc. ...	4,151
		150 Lakhs Loan 1925-26 ...	3,36,487
		82.67 Lakhs Conversion Loan ...	67,664
			10,44,649
		Due to the Public—	
		147 Lakhs Tansa Water Works Loan ...	3,52,453
		25 Lakhs Sewerage, etc., Works Loan ...	1,253
		24¾ Lakhs Sewerage and Water Works Loan ...	101
		70 Lakhs for Reduplication of the Tansa Main and other Auxiliary Works...	2,78,527
		43 Lakhs for Drainage, Water, Roads and Miscellaneous Works ...	5,093
		160 Lakhs for Improvement of water supply in Bombay ...	9,61,945
		31.43 Lakhs Loan ...	32,721
		37 Lakhs Loan ...	2,126
		40 Lakhs Loan ...	8,116
		24½ Lakhs Loan (1936-37) ...	16,258
		9 Lakhs Loan ...	
		30 Lakhs Loan (1937-38) ...	26,045
		30 Lakhs Loan (1938-39) ...	27,819
		64 Lakhs Loan (1939-40) ...	22,408
		48 Lakhs Loan (1940-41) ...	24,189
		25 Lakhs Loan (1941-42) ...	31,818
		20 Lakhs Loan (1943-44) ...	16,759
			18,07,631
		Advances from Special Funds—	
		Rs. 8½ Lakhs advance from Plant and Machinery Depreciation Fund ...	326
		Rs. 3 Lakhs advance from Renewal of Road Surface Fund ...	1,005
		Rs. 3,69 Lakhs advance from Net Premia Fund ...	1,183
		Rs. 83,000 advance from Net Premia Fund ...	618
		Rs. 2,16,600 from Net Premia Fund ...	519
		Rs. 1,71,400 Do. do. ...	308
		Rs. 40,100 Do. do. ...	403
		Rs. 43,200 Do. do. ...	178
		Rs. 27,100 Do. do. ...	721
		Rs. 73,566 Do. do. ...	1,031
			6,292
			28,58,572
		Commission to the Imperial Bank of India for payment of Interest on the Water Works portion of the different Loans ...	6,270
		Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ...	787
			7,057
		Reduction of debt or investment of Sinking Fund of the following Water Works Loans :—	
		Vehar Debt ...	81,856
		Tansa Water Works Loan of Rs. 147 Lakhs ...	4,51,040
Carried forward ...	94,28,326	**Carried forward** ...	5,32,896
		Carried forward ...	28,65,629

Appendix No. 12—*concluded.*

WATER WORKS ACCOUNT.

Net Revenue Account for the year ended 31st March 1945—concluded.

INCOME—*Concld.*	Rs.	EXPENDITURE—*concld.*	Rs.
		Brought forward ...	28,65,629
Brought forward Rs....	94,28,326	Brought forward Rs. ...	5,32,896
		70 Lakhs Loan for Reduplication of the Tansa Main and other Auxiliary Works	78,045
		43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works ...	2,676
		1½ Crores Loan for Drainage, Water, etc., Works (2nd instalment) ...	2,21,776
		65 Lakhs Loan for Tansa Triplication Scheme	2,57,228
		2 Crores Loan for Major Development Works	3,90,457
		160 Lakhs Loan for improvement of the water supply in Bombay	2,85,280
		2½ Crores Loan for General Supervision, Water Works, etc., purposes ...	6,213
		150 Lakhs Loan 1925-26	3,86,158
		25 Lakhs Loan 1927-28	485
		31.43 Lakhs Loan	12,659
		37 Lakhs Loan	800
		40 Lakhs Loan	2,562
		82.67 Lakhs Conversion Loan	2,69,660
		24½ Lakhs Loan (1936-37)	11,392
		9 Lakhs Loan	2,954
		30 Lakhs Loan (1937-38)	18,248
		30 Lakhs Loan (1938-39)	19,492
		64 Lakhs Loan (1939-40)	15,702
		48 Lakhs Loan of (1940-41)	14,526
		25 Lakhs Loan of (1941-42)	19,108
		20 Lakhs Loan of (1944-45)	15,550
		8½ Lakhs advance from Plant and Machinery Depreciation Fund	232
		3 Lakhs advance from Renewal of Road Surfaces Fund	786
		3.69 Lakhs advance from Net Premia Fund	862
		83,000 Advance from Net Premia Fund	2,026
		2,16,600 Advance from Net Premia Fund	1,219
		1,71,400 „ „ „	722
		40,100 „ „ „	1,173
		43,200 „ „ „	318
		27,100 „ „ „	2,098
		73,566 „ „ „	2,422
			25,75,725
		Total Debt Charges	54,41,354
		Surplus— Excess of Income over Expenditure	39,86,972
Total Rs. ...	94,28,326	Total Rs. ...	94,28,326

J. K. DARUVALA

U. M. MIRCHANDANI,

oner.

Appendix No. 12A.

WATER WORKS ACCOUNT.

Schedule of Liabilities and Assets at 31st March 1945.

LIABILITIES.		Rs.
I.—DEBT PRINCIPAL—		
Due to Government—		
Vehar Debt		7,58,060
82.67 Lakhs Conversion Loan		18,12,317
75 Lakhs out of 1½ Crores Loan		22,49,547
2½ Crores Loan		72,854
65 Lakhs Loan for Tansa Triplication Scheme		30,16,170
2 Crores Loan for Major Development Works		55,10,921
150 Lakhs Loan (1925-26)		62,25,789
Total ...		1,96,45,658
Due to the Public—		
Tansa Water Works Loan of 147 Lakhs		70,01,000
Water Works portion of 13½ Lakhs Loan		5
Water Works portion of the 25 Lakhs Loan for Sewerage, Roads and other Works		93
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works		1,714
70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works		69,90,737
Water Works portion of 43 Lakhs Loan for Miscellaneous Works ...		1,27,313
160 Lakhs Loan for the improvement of the water-supply in Bombay ...		1,60,00,000
Water Works portion of the 25 Lakhs Loan (1927-28)		25,060
Water Works portion of 31-43 Lakhs Loan		6,53,500
Water Works portion of 37 Lakhs Loan		38,620
Water Works portion of 40 Lakhs Loan (1928-29)		1,32,250
Water Works portion of Rs. 9 Lakhs Loan		1,40,534
Water Works portion of 24½ Lakhs Loan (1936-37)		5,36,517
Water Works portion of 30 Lakhs Loan (1937-38)		8,59,545
Water Works portion of 30 Lakhs Loan (1938-39)		9,18,028
Water Works portion of 64 Lakhs Loan 1939-40)		7,39,529
Water Works portion of 48 Lakhs Loan (1940-41)		6,84,174
Water Works portion of 25 Lakhs Loan of (1941-42)		11,73,642
Water Works portion of 20 Lakhs Loan of (1943-44)		12,62,830
		3,72,85,091
Advances from Special Funds—		
Rs. 8½ Lakhs Advance from Plant and Machinery Depreciation Fund ...		6,286
Rs. 3 Lakhs Advance from Renewal of Road Surfaces Fund ...		24,343
Rs. 3.69 Lakhs Advance from Net Premia Fund		28,704
		59,333
Rs. 83,000 Advance from Net Premia Fund for purchase of Plant and Machinery		18,559
Rs. 2,16,600 Advance from Net Premia Fund for purchase of Plant and Machinery		16,096
Rs. 1,71,400 Advance from Net Premia Fund for purchase of Plant and Machinery		9,527
Rs. 40,100 Advance from Net Premia Fund for purchase of Plant and Machinery in 1940-41		12,265
Rs. 43 200 Advance from Net Premia Fund for purchase of Plant and Machinery in 1941-42...		5,608
Rs. 27,100 Advance from Net Premia Fund for purchase of Plant and Machinery in 1942-43		21 946
Rs. 73,566 Advance from Net Premia Fund for purchase of Plant and Machinery in 1943-44		31,951
Rs. 89 537-4-6 Advance from Net Premia Fund for purchase of Plant and Machinery in 1944-45		48,577
		1,64,529
II.—SINKING FUNDS ON MUNICIPAL LOANS (invested as per contra) ...		1,58,11,870
III.—SPECIAL FUNDS—		
Worn-out Water Mains Renewal Fund (invested as per contra) ...		1,789
Net Premia Fund (invested as per contra)		20,45,211
IV.—CAPITAL ACCOUNT—		
General Reserve being Assest in excess of Liabilities	4,44,63,802	
Less—Assets Written off	29,635	
		4,44,38,667
Total ...		11,94,52,148

ASSESTS.		Rs.
I.—PROPERTIES—		
Water Works executed out of Loan, Surplus and Reserve Funds (*vide* Appendix No. 8)		
Out of Loan Reserve Funds—		
Ordinary Works		5,05,19,929
Tansa Completion Works ...		4,99,46,291
Works executed out of Worn-out Water Mains Renewal Fund		9,62,529
Plant and Machinery	1,94,164	
Less—Written off ...	29,635	
		1,64,529
II.—INVESTMENTS—		
1. Imperial Bank of India—Municipal Loans Sinking Fund Deposit Account—(Water Works portion) ...		1,58,11,870
2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 6) ...		1,789
3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 6)		20,45,211
Total ...		11,94,52,148

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 13.

MARKETS AND SLAUGHTER HOUSES ACCOUNT.

Revenue Account for the year ended 31st March 1945.

INCOME.	Rs.	EXPENDITURE.	Rs.
ncome for the year—*vide* details in Appendix No. 3	20,14,132	General Superintendence (2½ per cent. proportion of)	22,924
		Provident Fund and Pension, etc., charges	28,787
		Maintenance Charges of Markets and Slaughter Houses (*vide* Appendix No. 4)-	
		Amount shown under IX.—Mechanical, D.—Transport, (11) Markets and Slaughter Houses, and E.—Refrigerator	1,52,988
		Amount shown under XIV.—Markets and Slaughter Houses ...	4,67,742
		New Works (*vide* Appendix No. 4)	4,963
		Surplus carried down ...	13,36,728
	20,14,132	Total Rs. ...	20,14,132

Net Revenue Account for the year ended 31st March 1945.

	Rs.		Rs.
		Interest on Loans.	
		Due to Government—	
		Rs. 1½ Crores Loan	2,000
Surplus brought down ...	13,36,728	Rs. 140 Lakhs Loan	21,275
		Rs. 2 Crores Loan	25,602
		Rs. 82,67 Lakhs Conversion Loan	5,373
			54,250
		Due to Public—	
		Rs. 43 Lakhs Loan	2,320
		Rs. 30 Lakhs Loan	8,000
		Rs. 24½ Lakhs Loan	848
		Rs. 30 Lakhs Loan (1937-38)	2,327
		Rs. 30 Lakhs Loan (1938-39)	4,465
		Rs. 48 Lakhs Loan (1940-41)	4,852
		Rs. 25 Lakhs Loan (1941-42)	3,684
			26,496
		Advance from Special Funds—	
		Rs. 8½ Lakhs from Plant and Machinery Depreciation Fund ...	1,698
			82,444
		Commission to the Imperial Bank of India for the payment of Interest on the portions of the different Loans	52
		Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ...	16
			68
		Reduction of Debt or Investment of Sinking Fund.	
		Rs. 43 Lakhs Loan	1,219
		Rs. 30 Lakhs Loan	3,874
		Rs. 24½ Lakhs Loan	593
		Rs. 30 Lakhs Loan (1937-38)	1,630
		Rs. 1½ Crores Loan	3,412
		Rs. 140 Lakhs Loan	34,135
		Rs. 2 Crores Loan	36,044
		Rs. 82.67 Lakhs Conversion Loan	22,330
		Rs. 8½ Lakhs advance from Plant an d Machinery Depreciation Fund ...	1,210
		Rs. 30 Lakhs Loan (1938-39)	3,128
		Rs. 48 Lakhs Loan (1940-41)	2,914
		Rs. 25 Lakhs Loan (1941-42)	2,212
			1,12,701
		Total Debt Charges ...	1,95,213
		Surplus—Excess of Income over Expenditure...	11,41,515
Total Rs. ...	13,36,728	Total Rs. ...	13,36,728

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 14.

MUNICIPAL PRINTING PRESS.

Income and Expenditure for the year 1944-45.

Expenditure.		Details.	Amount.	Income.	Details.	Amount.
		Rs.	Rs.		Rs.	Rs.
Materials on hand and works in progress on 1st April 1944 ...			1,07,593			
Expenditure during the year—	Rs.					
Establishment—						
(*a*) Permanent ...	24,145					
(*b*) Allowances	7,165	31,310				
Labour ...		78,871				
Materials ...		35,936				
Out Work ...		1,208				
Electric Power ...		1,261		Amount chargeable to the departments for work done ...		2,12,366
Contingencies—						
(*a*) Contingencies ...	1,419					
(*b*) Printing and Stationery ...	1,221					
(*c*) Delivery Charges ...	2,326					
(*d*) Books and Dead Stock ...	93			Amount chargeable to the private parties for work done ...		5,935
(*e*) Lighting ...	604	5,663				
Repairs to Machinery ...		2,188				
Depreciation ...		491				
Rent ...		6,000		Amount of sale of waste paper & Metal ash ...		1,474
Provident Fund ...		5,787				
Debt charges—						
(1) Interest* ...	9,796					
(2) Repayment of capital ...	4,997	14,793		*Stock at close—*		
Proportionate Share of T. A. O.'s Salary ...		2,000	1,85,508	Works in progress ...	30,517	
Private Works—				Materials on hand ...	51,202	81,719
Labour ...		1,966				
Materials ...		3,016				
Contingencies ...		755				
Proportionate share of T.A.O.'s Salary ...		143	5,880			
			2,98,981			
Difference representing surplus (1) Rs. 2458 on departmental works and (2) Rs. 55 on private works transferred to revenue.			2,513			
			3,01,494			3,01,494

* Exclusive of interest amounting to Rs. 514 due but not adjusted.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 14—A.

Statement of Advance Accounts for 1944-45.

Name of Account.		Opening Balance on 1st April 1944.	Debits during 1944-45.	Total.	Credits during 1944-45.	Closing Balance on 31st March 1945.
		Rs.	Rs.	Rs.	Rs.	Rs.
Departmental Works—						
Water Works	...	37,455	68,578	1,06,033	43,627	62,406
Printing Press	...	1,22,827	1,85,508	3,08,335	2,02,240	(a) 1,06,095
Workshops	...	44,733	2,32,887	2,77,620	2,35,722	41,898
Architectural Branch	...	15,843	1,82,906	1,98,749	1,50,320	48,429
Roads, Buildings and Drainage	...	80,258	9,81,542	10,61,800	8,45,561	2,16,239
Health Department	...	468	5,967	6,435	5,775	660
Total	...	3,01,584	16,57,388	19,58,972	14,83,245	4,75,727
Private Works—						
Workshops	...	2,856	1,831	4,687	1,193	3,494
Water Works	...	82,406	65,161	1,47,567	32,348	1,15,219
Roads, Buildings and Drainage	...	87,810	1,80,606	2,68,416	1,29,592	1,38,824
Architectural Branch	...	2,826	1,745	4,571	2,533	2,038
Health Department	...	709	710	1,419	629	790
Printing Press	...	1,329	5,880	7,209	6,690	519
Housing Numbering	...	80	...	80	50	30
Total	...	1,78,016	2,55,933	4,33,949	1,73,035	2,60,914
Asphalt Plant, Crushers, etc.—						
Asphalt Plant	...	49,664	1,41,636	1,91,300	33,348	(b) 1,57,952
Sewri Crushers	...	1,08,753	83,257	1,92,010	1,59,055	(c) 32,955
Mechanical Transport	...	9,535	1,82,962	1,92,497	1,66,260	(d) 26,237
Worl Crushers	...	8,597	65,277	73,874	58,630	(e) 15,244
Manufacture of Pre-cast concrete slabs	...	4,613	1,450	6,063	434	(f) 5,629
Total		1,81,162	4,74,582	6,55,744	4,17,727	2,38,017
Municipal Officers—	...					
Dishonoured cheques	...	3,500	4,48,066	4,51,566	4,51,566	...
Standing advance for Contingent Expenses	...	20,857	1,800	22,657	425	22,232
Motor cars and motor cycles to officers	...	1,487	3,500	4,987	1,068	3,919
Cycle advances to Subordinates	...	...	120	120	20	100
Total	...	25,844	4,53,486	4,79,330	4,53,079	26,251
Miscellaneous Advances	...	1,39,732	11,71,930	13,11,662	10,13,679	2,97,983
Improvement Schemes	...	1,144	...	1,144	...	1,144
Total	...	1,40,876	11,71,930	13,12,806	10,13,679	2,99,127
Advances, Measures for Civil Defence	...	37,121	...	37,121	37,121	...
Municipal Contractors	...	11,557	35,761	47,318	17,203	30,115
Municipal Tenderers	...	3	3	6	4	2
Purchase of Coal	...	14,852	...	14,852	780	14,072
Purchase of Petrol	...	14,855	4,14,628	4,29,483	4,21,818	7,665
Total	...	41,267	4,50,392	4,91,659	4,39,805	51,854
Grand Total	...	9,05,870	44,63,711	53,69,581	40,17,691	13,51,890

		Rs.
(a) Works in progress	...	30,517
Materials on hand	...	51,202
Outstanding Bills	...	24,376
		Rs. 1,06,095

	Rs.
(b) Stock on hand.	1,32,655
Outstanding bills	1,192
Loss to be adjusted during 1945-46.	24,105
Total ...	1,57,952

	Rs.
(c) Stock on hand ...	25,658
Outstanding bills	7,297
Total ...	32,955

	Rs.
(d) Outstanding bills	15,197
unadjusted loss carried forward.	11,040
Total ...	26,237

	Rs.
(e) Stock on hand ...	12,437
Outstanding bills	2,807
Total ...	15,244

	Rs.
(f) Stock on hand ...	1,974
Outstanding bills	3,655
Total ...	5,629

* Includes Rs. 20,000 on account of Municipal Contribution to the Schools Committee for maintaining the minimum Cash Balance as required under Bye-law No. 10 relating to the Schools Committee.

		Rs.
† Outstanding Petrol and Diesel oil bills	...	3,174
Stock in hand with M.E. Petrol	...	4,079
" " " Diesel oil	...	412
		7,665

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 14-B.

Statement showing Advances out of Special Funds during 1944-45.

Name of Account.	Opening Balance on 1st April 1944.	Debits during 1944-45.	Total.	Credit during 1944-45.	Closing Balance on 31st March 1945.
Charges met out of—	Rs.	Rs.	Rs.	Rs.	Rs.
Municipal Fire and Accident Insurance Fund	...	2,218	2,218	2,218	...
Fines Fund	10,024	45,264	55,288	46,490	8,798
Garden Fund	...	13,405	13,405	13,405	...
G. S. M. College and K. E. M. Hospital Research Fund	...	18,598	18,598	18,598	...
Slum Service Fund	...	...	...	...	...
Renewal of Road Surfaces Fund	...	1,05,785	1,05,785	1,0 ,785	...
K. E. M. Hospital & G. S. M. College Equipment Fund	...	1,411	1,411	1,411	...
Advance from Plant and Machinery Depreciation Fund for—					
Purchases of Machinery, etc., pending adjustment against the provisions for depreciation in subsequent years	75,549	3,337	78,886	10,822	68,064
Levelling, metalling, etc., Private Streets...	62,112	3,034	65,146	8,418	56,728
Advance from Net Premia Fund for purchase of Machinery for the Municipal Printing Press	1,44,909	...	1,44,909	4,997	1,39,912
Advances for Capital Works from—					
Municipal Fire and Accident Insurance Fund	3,92,965	...	3,92,965	13,196	3,79,769
Plant and Machinery Depreciation Fund	10,19,232	...	10,19,232	35,074	9,84,158
Renewal of Road Surfaces Fund	8,52,154		8,52,154	28,559	8,23,595
Net Premia Fund	15,77,492	1,28,109	17,05,601	77,899	16,27,702
Land Sales Reserve Fund	22,25,000	...	22,25,000	2,29,150	19,95,850
Total Rs. ...	63,59,437	3,21,161	66,80,598	5,96,022	60,84,576

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 14-C.

Statement of Deposit Accounts for 1944-45.

Name of Account.	Opening Balance on 1st April 1944.	Credits during 1944-45.	Total.	Debits during 1944-45.	Closing Balance on 31st March 1945.
	Rs.	Rs.	Rs.	Rs.	Rs.
A.—Cash Deposits from Contractors, etc.—					
(1) From Contractors	2,19,710	1,03,802	3,23,512	1,38,890	1,84,622
(2) From Tenderers	2,28,853	10,63,130	12,91,983	8,18,403	4,73,580
...	4,48,563	11,66,932	16,15,495	9,57,293	6,58,202
B.—Cash Deposits from private parties received through Departmental Officers—					
(1) City Engineer	3,71,230	1,82,630	5,53,860	1,94,189	3,59,671
(2) Hydraulic Engineer	3,85,506	3,17,043	7,02,549	1,32,285	5,70,264
(3) Assessor and Collector	6,88,719	99,98,559	1,06,87,278	1,00,96,271	5,91,007
(4) Executive Health Officer	53,005	66,353	1,19,358	50,223	69,135
(5) Estate Agent and Land Manager—					
(*i*) Improvement Schemes	4,96,656	11,51,489	16,48,145	9,47,734	7,00,411
(*ii*) Municipal Properties	5,18,666	1,65,516	6,84,182	2,21,362	4,62,820
(6) Dean, (*i*) K. E. M. Hospital	1,614	8,221	9,835	7,230	2,605
Dean, (*ii*) G. S. M. College	53,136	56,561	1,09,697	57,465	52,232
(7) Superintendent of Licences	55,397	1,27,946	1,83,343	1,23,128	60,215
(8) Superintendent of Markets	1,80,664	48,172	2,28,836	2,08,142	20,694
(9) Controller of Stores	1	14,643	14,644	4,730	9,914
(10) Election and Town Duty Officer	386	3,964	4,350	3,802	548
(11) Municipal Commissioner	213	369	582	233	349
(14) Curator Museum	3,538	4,299	7,837	2,881	4,956
(15) Legal Assistant	...	280	280	150	130
(16) Chief Officer, Fire Brigade	...	7,911	7,911	871	7,040
(17) Superintendent of Gardens	8,740	19,310	28,050	4,005	24,045
(18) Mechanical Engineer	8,709	16,329	25,038	7,794	17,244
...	28,26,180	1,21,89,595	1,50,15,775	12,06,24,925	29,53,280
.—Other Cash Deposits	4,48,889	23,34,261	27,83,150	20,67 614	7,15,536
D.—Cash Deposits from Lessees	27,71,106	9,31,656	37,02,762	5,24,390	31,78,372
E.—Paper Deposits (Kept in Office)—					
(1) From Contractors, etc.	71,300	93,86,100	94,57,400	93,10,300	1,47,100
(2) From Tenderers	1,66,800	6,81,000	8,47,800	4,64,600	3,83,200
(4) Securities held under objection	50,800	78,400	1,29,200	64,300	64,900
...	2,88,900	1,01,45,500	1,04,34,400	98,39,200	5,95,200
F.—Paper Deposits from Municipal employees and contractors lodged with the Imperial Bank of India	4,47,900	2,50,400	6,98,300	2,83,000	4,15,300
G.—Paper Deposits from lessees, etc., lodged with the Imperial Bank of India ...	2,84,900	3,24,300	6,09,200	1,11,700	4,97,500
H.—Cash deposits from A. G. Bombay for A.R.P. expenditure	29,965	4,73,127	5,03,092	4,84,776	18,316
I.—Government Subsidised Milk Distribution Scheme		35,47,033	35,47,033	32,68,820	2,78,213
J.—Citizens Special Emergency Relief Fuud		45,677	45,677	44,487	1,190
K.—Mayor's Special Emergency Relief Fund		8,684	8,684	7,250	1,434
L.—Cash Deposits from Accountant General Bombay in respect of Municipal claims arising for Bombay Explosions		14,75,000	14,75,000	7,76,172	6,98,828
M.—Deposits from Accountant General Bombay for construction of rooms for Explosions Victims		4,00,296	4,00,296	6,770	3,93,526
N.—Deposit from Citizen Emergncy Relief Centre		2,29,449	2,29,449	...	2,29,449
Total ...	75,46,403	3,35,21,910	4,10,68,313	3,04,33,967	1,06,34,346

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 14-D.

Statement of Reserve stock for 1944-45.

Name of Account.	Opening Balance on 1st April 1944.	Debits during 1944-45.	Total.	Credits during 1944-45.	Closing Balance on 31st March 1945.
	Rs.	Rs.	Rs.	Rs.	Rs.
General Stores Account	7,41,828	13,27,675	20,69,503	11,28,469	9,41,034
Capital Stores Account	2,48,315	4,64,714	7,13,029	4,61,204	2,51,825
Line Suspense Account	93,093	3,661	96,754	10,088	86,666
Total ...	10,83,236	17,96,050	28,79,286	15,99,761	12,79,525

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 14-E.

Statement showing 'Interest accrued but not paid' in respect of the following Municipal Loans credited to Suspense account pending adjustment in their respective years of repayment, outstanding on 31st March 1945.

Year of Adjustment.	Particulars of Loans.	Amount of Interest accrued but not paid outstanding.	Date of Maturity of the Loan.
		Rs. a. p.	
1923-24	,, 43 Lakhs Loan	71,666 10 8	1- 5-1945
1922-23	,, 147 ,, ,, Portion Rs. 17,00,000 ...	42,500 0 0	1- 1-1946
1923-24	,, 2nd 24¾ ,, ,, ...	16,500 0 0	1- 8-1946
1922-23	,, 147 ,, ,, Portion Rs. 10,00,000 ...	25,000 0 0	1- 1-1948
1923-24	,, 15 ,, ,, ...	25,000 0 0	1- 5-1949
,,	,, 30 ,, ,, (Overbridges)	50,000 0 0	1- 5-1949
1925-26	,, 30 ,, ,, (Miscellaneous Works) ...	30,000 0 0	1- 1-1951
1922-23	,, 147 ,, ,, Portion Rs. 43,00,000 ...	1,07,500 0 0	1- 1-1953
1923-24	,, 70 ,, ,, Portion Rs. 49,40,000 ...	65,866 10 8	1- 6-1954
1924-25	,, 160 ,, ,, ...	3,20,000 0 0	1-12-1954
1923-24	,, 20 ,, ,, ...	33,333 5 4	1- 5-1955
1927-28	,, 25 ,, ,, ...	31,250 0 0	1- 1-1958
1929-30	,, 37 ,, ,, ...	21,846 0 0	1- 8-1959
,,	,, 31-43 ,, ,, ...	21,784 0 0	1- 8-1959 or after 1- 8-1949
,,	,, 28 ,, ,, ...	7,046 0 0	1- 8-1959 or after 1- 8-1954
1923-24	,, 70 ,, ,, Portion Rs. 20,60,000 ...	27,466 10 8	1- 6-1974
1925-26	,, 10 ,, ,, ...	12,500 0 0	1- 7-1980
1932-33	,, 40 ,, ,, ...	80,000 0 0	1- 9-1960 or after 1- 9-1950
1937-38	,, 9 ,, ,, ...	1,313 0 0	14- 3-1966
,,	,, 24½ ,, ,, ...	12,250 0 0	1- 2-1967
1938-39	,, 30 ,, ,, of 1937-38	4,250 0 0	14-3-1968
1940-41	,, 30 ,, ,, of 1938-39	7,500 0 0	1- 3-1969
1940-41	,, 64 ,, ,, of 1939-40	16,000 0 0	1- 3-1970
1941-42	,, 48 ,, ,, of 1940-41	14,000 0 0	1- 3-1971
1942-43	,, 25 ,, ,, of 1941-42	7,291 10 8	1- 3-1972
	Total Rs. ...	10,51,864 0 0	

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Statement showing the amounts of the Receipts and Expenditure respectively credited at the credit of the Fund at the close of the

	Details.	Total.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1944		32,86,920 14 4
RECEIPTS—A.—REVENUE ACCOUNT.		
1. General Tax, Indirect Taxation and Miscellaneous Revenue. A.—General Tax	1,59,44,469 2 7	
B.—Town Duties	19,40,053 11 5	
C.—Grants-in-aid of the fees for Land Conveyance, Music etc., Licences	5,838 8 0	
D.—Grants-in-aid in respect of fines for offences against the Law ...	1,36 328 9 9	
E.—Interest and Profit on Investment of Surplus Loan and other balances	3,02,014 9 10	
F.—Interest on Plant and Machinery Depreciation Fund	68,978 12 0	
G.—Miscellaneous	1,53,401 7 2	
		1,85,51,084 12 9
2. Water Works—Water Tax and and other Miscellaneous Water Works Revenue		1,11,29,419 12 8
3. Education—Primary		9,67,191 4 6
4. Education—Secondary		1,145 14 8
5. Public Health Department		2,10,279 7 0
6. Medical Relief and Education		2,64,235 2 0
7. Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		
A.—Halalkhore Tax	43,02,627 15 0	
B.—Miscellaneous	2,37,969 10 7	
		45,40,597 9 7
8. Roads, Drains and Sewers—		
A.—Wheel Tax and Government Contribution in lieu of Tolls	17,58,787 5 0	
B.—Ground Rent	93,158 0 0	
C.—Miscellaneous	1,50,536 14 6	
D.—Interest realised on Donations	2,089 8 10	
		20,04,571 12 4
9. Mechanical		69,898 3 9
10. Buildings, Land Acquisition and Management—		
A.—Sale Proceeds of Surplus Land	10,00,000 0 0	
B.—Rent of Buildings	39,818 13 1	
C.—Ground Rent	2,55,440 0 6	
D.—Miscellaneous	1,81,568 1 9	
		14,76,826 15 4
11. Fire Brigade—		
A.—Fire Tax	7,24,083 6 0	
B.—Miscellaneous	24,511 6 0	
		7,48,594 12 0
12. Licensing and Removal of Encroachments on Public Streets—Admistration of Shops & Establishment Act.		
A.—Licences for Dangerous and Offensive Trades	2,56,263 5 0	
B.—Removal of Encroachments on Public Streets	1,96,111 7 0	
C.—Grant in aid from Government for administration of shops & Establishment Act. ...	......	
D.—Miscellaneous	1,36,698 12 6	
		5,89,073 8 6
13. Gardens and Open Spaces		1,08,526 13 4
14. Markets and Slaughter Houses		20,14,131 11 6
15. Contribution from Capital Funds to Revenue on account of Loan Works Staff		57,476 4 0
16. Extraordinary Receipts		1,05,635 9 0
17. Rebate on account of collection of Urban Immovable Property Tax in the City		1,82,459 11 8
18. (a) Excess accumulations in the plant and Machinary Depreciation Fund		*Dr.* 43,533 7 6
Total Revenue Receipts Rs. ...		4,29,77,615 13 1

and debited to the Municipal Fund during the year 1944-45 and the balance year 1944-45 (i. e. 31st March 1945).

—	Details. Rs.	a.	p.	Total. Rs.	a.	p.
EXPENDITURE A.—REVENUE ACCOUNT.						
I.—General Supervision, Collection of Revenue, etc.—						
A.—General Superintendence ...	5,67,221	14	6			
B.—Collection of Revenue ...	7,88,907	4	9			
C.—Upkeep of Municipal Head Office ...	40,192	3	7			
D.—General Stores ...	83,096	5	0			
E.—Miscellaneous Charges ...	1,73,125	6	11			
F.—Election Expenses ...	40,829	13	6			
New Works ...	12,614	10	0			
Debt Charges ...	34,896	13	0			
Proportion of General Superintendence chargeable to Water Works, Markets, etc., and Improvement Schemes Account ...	Cr. 4,64,036	14	0	12,76,749	9	3
II.—Water Works ...	12,60,989	13	5			
" New Works ...	19,541	9	9			
" Debt Charges ...	54,41,354	3	0			
Proportion of General Supervision and Collection of Revenue ...	3,11,877	11	0			
Provident Fund and Pension, etc., charges ...	1,08,684	14	6	71,42,448	3	8
III.—Education—Primary ...	53,41,151	4	3			
" New Works ...	...					
" Debt Charges ...	1,63,133	8	0	55,04,284	12	3
IV.—Education—Secondary ...				44,358	14	6
V.—Public Health Department ...						
A.—General Supervision ...	5,16,910	7	6			
B.—Epidemics ...	39,000	13	6			
C.—Vaccination ...	77,195	5	0			
D.—Malaria ...	2,40,412	2	3			
E.—Miscellaneous ...	81,979	0	6			
F.—Medical Inspection of School Children including Travelling, Dental Clinic. ...	41,452	5	6			
G.—Propaganda for Public Health ...	8,394	14	9			
H.—Supply of milk to the undernourished needy children attending Muncipal Schools ...	88,148	11	0			
I.—Licensing of dogs ...	19,077	13	6			
New Works ...	5,801	0	0			
Debt Charges ...	55,471	9	0	11,73,844	2	6
VI.—Medical Relief and Education—						
A.—Hospitals and Maternity Homes—						
(a) King Edward Memorial Hospital ...	8,71,701	6	0			
(b) Infectious Diseases Hospital ...	3,81,764	9	9			
(c) Maternity Homes ...	1,46,648	6	1			
(d) Turner Sanitarium at Bhoiwada ...	84,508	3	6			
(e) Ramesh Premchand Hospital ...	10,673	8	0			
B.—Dispensaries ...	1,83,101	1	4			
C.—Medical and Nursing Assistance to poor people in their houses ...	12	11	0			
D.—Gordhandas Sunderdas Medical College ...	2,62,374	15	3			
E.—Statutory Contribution to Government Medical Institutions ...	4,14,500	0	0			
New Works ...	59,117	8	6			
Debt Charges ...	4,55,455	0	0	28,69,857	5	3
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service—						
A.—Street Cleansing and Conservancy ...	21,74,224	0	11			
B.—Transport of Refuse, etc., to Deonar ...	2,47,985	12	0			
C.—Road Watering ...	17,412	8	0			
D.—Halalkhore Service ...	3,46,798	2	11			
New Works ...	10,211	15	0			
Debt Charges ...	3,93,440	8	0	31,90,072	14	10
VIII.—Roads, Drains and Sewers—						
A.—General ...	1,54,855	15	6			
B.—Maintenance of Roads ...	14,74,236	7	9			
C.—Public Lighting ...	8,79,489	15	0			
D.—Cleansing of Drains and Sewers and Street Connections ...	3,86,348	1	5			
E.—Rebate on Account of the compounded wheel-tax, etc. ...	59,881	0	0			
New Works ...	27,977	14	0			
Debt Charges ...	34,85,052	0	0	64,67,841	5	8
IX.—Mechanical—						
A.—Mechanical Engineer's Office Staff ...	74,587	5	0			
B.—Pumping Purification Works, Compressor Stations and Flood Gates ...	6,19,474	13	2			
C.—Supervision of Factories, Workshops and Work-places ...	7,794	14	0			
D.—Transport ...	8,88,860	5	5			
E.—Refrigerator ...	22,214	6	0			
F.—Oiling and Greasing Surplus Machinery ...	...					
New Works ...	...					
Debt Charges ...	1,61,205	14	0	17,74,137	9	7
X.—Buildings, Land Acquisition and Management—						
A.—City Engineer's Central Office Establishment ...	1,10,985	1	5			
B.—Inspection and Supervision of Private Buildings ...	2,32,603	6	3			
C.—Architectural ...	70,906	0	0			
D.—Land Acquisition and Management ...	54,905	10	8			
New Works ...	67	0	0			
Debt Charges ...	18,13,102	3	0			
Supervision Chargeable to Improvement Schemes Account ...	Cr. 7,657	0	0	22,74,912	5	4
XI.—Fire Brigade ...	3,22,123	14	4			
Do. New Works ...	36	11	0			
Do. Debt Charges ...	74,295	6	0			
Proportion of General Supervision and Collectien of Revenue ...	25,607	8	0			
Provident Fund, Pension, etc., Charges ...	1,07,774	14	0	5,29,838	5	4
XII.—Licensing and Removal of Encroachments on Public Streets and administration of Shops and Establishment Act ...	1,97,769	12	6			
New Works ...	50	1	0	1,97,819	13	6
XIII.—Gardens and Open Spaces ...	2,23,568	9	7			
Do. New Works ...	9,796	14	0			
Do. Debt Charges ...	2,16,017	7	0	4,49,382	14	7
XIV.—Markets and Slaughter Houses ...	4,67,741	12	1			
Do. New Works ...	4,963	3	0			
Do. Debt Charges ...	1,95,212	8	0			
Proportion of General Supervision ...	22,924	4	0			
Provident Fund, Pension, etc., Charges ...	28,787	3	0			
XV.—Contribution towards Improvements Schemes ...				7,19,628	14	1
XVI.—Provident Fund, Pensions Gratuities and Compassionate Allowances ...				27,26,784	5	0
XVII.—Urban Immovable Property Tax on Municipal Properties in the City ...				11,13,058	0	4
XVIII.—Grain Compensation ...				46,328	2	0
XIX.—Grants in aid to Public Institutions ...				34,60,429	15	0
XX.—Measures for Civil Defence ...				2,63,573	14	0
XXI.—Extraordinary Measures ...				69,936	0	1
				...		
Total Revenue Expenditure Rs. ...				[illegible]		

——	Details. Rs.	a.	p.	Total. Rs.	a.	p.
RECEIPTS—B.—CAPITAL ACCOUNT—						
Loan Funds—						
Debt—Principal—						
Balance of 20 Lakhs' Loan sanctioned to be raised in 1943-44	15,00,000	0	0			
Advance from Net Premia Fund for Purchase of Plant and Machinery	89,537	4	6			
Advances from Net Prèmia Fund for Renewal of Road Surfaces for which no Provision Exists in the Renewal Fund	38,571	7	0			
Loan of (1939-40)	...					
New Loan 1943-44	...					
Trust Fund—				16,28,108	11	6
Receipts on Donations, etc.	...					
Interest on investments	672	6	0			
Worn out Water Mains Renewal Fund—				672	6	0
Interest on Investments				168	3	0
Advances—						
Capital Stores Account				9,80,109	14	9
Total Capital Account Receipts Rs. ...				26,09,059	3	3
RECEIPTS—C.—SUSPENSE ACCOUNT—						
Imperial Bank of India and other Local Banks on account of Sundry Deposits				4,52,63,638	1	6
Loan Redemption Fund (Municipal)				43,96,690	8	10
Do. do. Improvements Schemes				29,14,866	0	0
Sinking and Special Funds Accounts				67,79,338	10	3
Provident Fund Recoveries				31,23,113	0	3
Fines Fund Do.				35,882	2	0
Gardens Fund Do.				14,371	7	6
Land Sales Reserve Fund Recoveries				...		
Surplus Funds (Paper and Cash Account)				61,47,080	14	2
Reserve Stores Account				11,64,851	15	6
Purchase Stores Account				13,04,434	11	3
Do. of Petrol and Diesel Oil				4,21,818	0	0
Do. of Coal				780	2	0
Departmental Works				19,45,282	10	1
Do. Printing Press Recoveries				2,02,240	2	11
Private Works				1,73,036	10	8
Departmental Works—Workshops Recoveries				2,35,721	12	3
Sinking Funds (Paper and Cash Account)				10,30,374	13	6
Special Funds (Do. do.)				14,95,291	11	7
Loan Funds (Do. do.)				17,94,228	9	0
Deposit Account				3,35,21,909	13	3
Worli Crushers				58,629	9	0
Sewri Crushers				1,59,055	7	0
Mechanical Transport				1,66,260	3	0
Asphalt Plant				33,348	2	0
Municipal Contractors				17,202	5	7
Do. Tenderers				3	6	0
Sundries—Miscellaneous Advances				10,13,678	12	9
Manufacturing of Precast Concrete slabs for footpaths				433	12	0
Advances—Measures for Civil Defence				37,121	2	5
Officers—						
(a) Dishonoured Cheques				4,51,566	5	8
(b) Standing Advances for Contingent Expenses				425	0	0
(c) Motor Cars and Motor Cycles to Officers				1,068	0	0
(d) Cycle Advance to subordinates				20	0	0
Advances—Special Funds				5,96,023	1	5
Bombay Municipal Corporation Loans—Interest Warrants Payable Account				29,51,797	1	2
Cash Bills Outstanding Account				4,20,689	15	5
Cheques payable				9,81,31,701	12	7
Interest on B. I. Trust Loans Payable Account				1,210	0	0
City of Bombay Improvement Trust Loan Interest Warrants Payable Account				17,62,082	14	0
Fidelity Guarantee Insurance Fund				5,388	4	0
Interest receivable account				73	7	0
Capital Fund unbooked properties liabilities				*Dr.* 45,37,835	11	11
Improvement Schemes Fund—						
(a) Sinking Fund	2,79,441	6	0			
(b) Capital Fund	20,45,016	3	0			
				23,24,457	9	0
Improvement Schemes Fund Account				20,64,852	10	0
Total—Suspense Account Receipts Rs. ...				21,67,24,204	12	7

No. 15—*Continued.*

—	Details.			Total.		
EXPENDITURE—B.—CAPITAL ACCOUNT—	Rs.	a.	p.	Rs.	a	p
Loan Funds—						
I.—General Supervision, Collection of Revenue, etc.	...					
II.—Water Works, ordinary	6,41,737	14	3			
III.—Education—Primary	253	7	0			
V.—Public Health Department	8,840	5	0			
VI.—Medical Relief and Education	31,526	10	0			
VII.—Street Cleansing, Conservancy, Road Watering and Halalkhore Service	75,833	10	0			
VIII.—Roads, Drains and Sewers	4,15,903	14	10			
IX.—Mechanical	35,369	14	0			
X.—Buildings, Land Acquisition and Management	27,944	1	9			
XI.—Fire Brigade	83,654	9	0			
XIII.—Gardens and open spaces	...					
XIV.—Markets and Slaughter Houses	16,635	3	0			
XV.—Slum Service	14,173	14	6			
XVI.—Measures of Civil Defance	77,745	0	0			
Discount and other charges on Loans	22,511	12	0			
Plant and Machinery	46,411	11	6			
Repayment of advance taken from the Land Sales Reserve Fund.	2,29,150	3	10			
Assets written off...	65,776	15	0			
				17,93,469	1	8
Worn out Water Mains Renewal Fund—						
Expenditure on Works				1,656	4	0
Trust Account—						
Expenditure				...		
Advances—						
Capital Stores				9,40,874	15	0
Total—Capital Account Expenditure Rs. ...				27,36,000	4	8
EXPENDITURE—C.—SUSPENSE ACCOUNT—						
Imperial Bank of India and other Local Banks on account of Sundry Deposits				4,53,78,773	0	2
Sinking and Special Funds Accounts				17,52,702	8	3
Interest accrued but not paid				...		
Fidelity Guarantee Insuarauce Fund				5,388	4	0
Provident Fund Recoveries				31,23,113	0	3
Fines Fund Do.				35,882	2	0
Gardens Fund Do.				14,371	7	6
Interest Recoverable a/c				...		
Plant and Machinery				Cr. 31,192	8	6
Reserve Stores Account				13,80,254	11	3
Purchase Stores Account				13,12,685	8	6
Purchase of Petrol and Diesel Oil				4,14,628	5	0
Purchase of Coal				...		
Departmental Works				12,38,993	3	4
Municipal Workshops				2,32,886	9	9
Printing Press				1,85,507	14	10
Private Works				2,55,933	10	5
Sinking Fund				42,75,469	1	6
Special Fund				35,50,208	1	9
Surplus Funds				85,21,430	14	6
Loan Funds				16,29,540	8	10
Debt—Principal—Repayment of Loans (Municipal)				43,96,690	8	10
Do. do. (Improvements Schemes)				29,14,866	0	0
Deposit Account				3,04,33,966	10	8
Worli Crushers				65,276	12	0
Sewri Crushers				83,256	11	0
Mechanical Transport				1,82,962	2	0
Asphalt Plant				1,41,636	2	0
Municipal Contractors				35,760	8	6
Do. Tenderers				3	4	0
Sundries—Miscellaneous Advances				11,71,929	15	9
Advance-Measures for Civil Defence				...		
Manufacture of Precast Concrete Slabs for footpaths				1,450	4	0
Officers—						
(*a*) Dishonoured Cheques				4,48,065	13	8
(*b*) Standing Advances for Contingent Expenses				1,800	0	0
(*c*) Motor Cars and Motor Cycles to Officers				3,500	0	0
(*d*) Cycle advances to subordinates				120	0	0
Advances—Special Funds				3,21,160	8	3
Bombay Municipal Corporation Loans—Interest Warrants Payable Account				29,51,068	7	2
Cash Bills Outstanding Account				4,20,784	3	2
Cheques payable				9,77,51,878	4	3
City of Bombay Improvement Schemes Loans Interest Warrants Payable Account				17,62,516	2	0
Capital Fund unbooked property liabilities Improvement Schemes Fund				Cr. 45,37,835	11	11
Improvement Schemes Fund						
(*a*) Sinking Fund	21,25,513	6	0			
(*b*) Capital Fund	19,05,829	0	7			
				40,31,342	6	7
Interest on Bombay Improvement Trust Loans Payable Account				8,400	0	0
Improvement Schemes Fund Account...				2,18,780	10	0
Total—Suspense Account Expenditure Rs. ...				21,60,85,956	1	3

	Total.
	Rs. a. p.
RECEIPTS—D.—IMPROVEMENT SCHEMES ACCOUNT—	
General Account—	
I.—Rents and other proceeds of Properties	60,05,404 10 11
II.—Contribution towards Improvement Schemes from the Municipal Corporation	27,26,784 5 0
III.—Grants-in-aid of Tobacco Duty	10,00,000 0 0
IV.—Interest and Profits on Investments	4,40,328 9 8
V.—Miscellaneous Receipts	27,973 3 3
VI.—Appropriation from Capital Account to meet deficit in the General Account...	...
Total Rs. ...	1,02,00,490 12 10
Capital Account—	
I.—Sale proceeds of Lands, Buildings, etc.	36,11,636 9 10
Revenue Surplus	2,47,837 2 9
Total Rs. ...	38,59,473 12 7
Total—General and Capital Account Receipts Rs. ...	1,40,59,964 9 5

SUMMARY.

Receipts.	—	Disbursements.
Rs. a. p.		Rs. a. p.
32,86,920 14 4	Balance on 1st April 1944 ...	
4,29,77,615 13 1	A.—Revenue Account	4,12,95,287 6 11
26,09,059 3 3	B.—Capital Account	27,36,000 4 8
21,67,24,204 12 7	C.—Suspense Account	21,60,85,956 1 3
1,40,59,964 9 5	D.—Improvement Schemes Account	1,28,08,151 11 10
27,63,70,844 6 4	Total Rs. ...	27,29,25,395 8 8
	* Balance on 31st March 1945	67,32,369 12 0
27,96,57,765 4 8	Total Rs. ...	27,96,57,765 4 8

J. K. DARUVALA,

Chief Accountant.

No. 15—*Concluded.*

———	Details.	Total.
	Rs. a. p.	Rs. a. p.
EXPENDITURE—D.—IMPROVEMENT SCHEMES ACCOUNT		
General Account—		
A.—Maintenance of Properties and Streets		21,39,213 8 9
B.—Cost of Management and Establishment	9,79,126 14 9	
C.—Proportionate charge on account of Municipal Supervision	89,413 15 0	
	10,68,540 13 9	
Deduct—		
Proportionate share of cost of Management and Establishment chargable to General Account ... 9,43,528 13 9		
Do. do. do. Capital Account ... 1,25,012 0 0	10,68,540 13 9	...
D.—Debt Charges	...	78,13,440 1 4
E.—Repayment of Surplus to Capital	...	2,47,837 2 9
Total ...		1,02,00,490 12 10
Capital Account—		
Repayment of 5½% B. I. T. Loan of 1929		21,84,295 0 0
Improvement and Street Schemes, etc.		2,98,353 15 0
Proportionate share of cost of Management and Establishment chargable to Improvement and Street Schemes	...	1,25,012 0 0
Total ...		26,07,660 15 0
Total—General and Capital Account Expenditure ...		1,28,08,151 11 10

		Rs. a. p.
Bank's reconciliation:—		
* Balance as per Bank's Pass Book		53,74,386 7 1
Add—		
Revenue sent to the Bank on 31st March 1945 but acknowledged on 2nd April 1945 ...	...	6,91,045 13 10
		60,65,432 4 11
Less—		
Uncashed Cheques		2,20,115 7 4
Balance in Bank as per Day Book (Column No. 10)	...	58,45,316 13 7
Balance in Office in Government Promissory Notes, etc.	Rs. 5,95,200 0 0	
Balance in Office in Cash	„ 2,91,852 14 5	8,87,052 14 5
		67,32,369 12 0

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 16.

Comparison of Face, Purchase and Market Values at 31st March 1945 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate per cent.	Value at Market rate.
		Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
Municipal Fire and Accident Insurance Fund.	3½ per cent. Government Promissory Notes ...	9,100	60 0 0	5,460 0 0		
	Do. do. ...	1,500	97 6 6	1,461 1 6		
	Do. do. ...	6,900	Par.	6,900 0 0	99 9 0	17,921 4
	Do. do. ...	500	64 15 0	324 11 0		
	3½ per cent. Government Loan 1947-50 ...	41,100	98 8 0	40,483 8 0		
	Do. do. ...	36,200	96 0 0	34,752 0 0	103 9 0	80,053 13
	4 per cent. Government Loan 1960-70 ...	49,500	94 4 0	46,653 12 0		
	Do. do. ...	1,00,200	92 8 0	92,685 0 0	112 12 0	3,21,112 0
	Do. do. ...	13,700	87 10 0	12,004 10 0		
	Do. do. ...	1,21,400	88 0 0	1,06,832 0 0		
	4 per cent. Bombay Improvement Trust Debentures	46,600	Par.	46,600 0 0		
	Do. do. ...	10,000	89 0 0	8,900 0 0		
	Do. do. ...	7,200	88 0 0	6,336 0 0		
	Do. do. ...	23,500	84 8 0	19,857 8 0	113 4 0	1,56,285 0
	Do. do. ...	9,700	84 4 0	8,172 4 0		
	Do. do. ...	41,000	92 12 0	38,027 8 0		
	3 per cent. Bombay Municipal Debentures ...	2,92,500	Par.	2,92,500 0 0	Par.	2,92,500 0
	3½ per cent. Do. do. ...	81,000	Par.	81,000 0 0	Par.	81,000 0
	Total Rs. ...	8,91,600		8,48,949 14 6		9,48,872 1
Worn out Water Mains Renewal Fund.	3½ per cent. Government Loan 1947-50 ...	200	96 0 0	192 0 0		
	Do. do. ...	900	98 8 0	886 8 0	103 9 0	1,139 3
	3 per cent. Bombay Municipal Debentures ...	500	Par.	500 0 0	Par.	500 0
	3½ per cent. Government Promissory Notes ...	100	97 6 6	97 6 6	99 9 0	99 9
	Total Rs. ...	1,700		1,675 14 6		1,738 12
Net Premia Fund ...	3 per cent. Government Promissory Notes ...	900	48 0 0	432 0 0	90 12 0	816 12
	3½ per cent. Government Promissory Notes ...	45,900	60 0 0	27,540 0 0		
	Do. do. ...	1,000	62 10 0	626 4 0	99 9 0	46,694 13
	3½ per cent. Government Loan 1947-50 ...	31,300	94 13 6	29,686 1 6		
	Do. do. ...	1,75,300	98 8 0	1,72,670 8 0	103 9 0	2,13,960 2
	4 per cent: Government Loan 1960-70 ...	13,400	Par.	13,400 0 0		
	Do. do. ...	5,500	92 8 0	5,087 8 0		
	Do. do. ...	30,200	88 6 0	26,689 4 0	112 12 0	66,184 4
	Do. do. ...	100	88 0 0	88 0 0		
	Do. do. ...	9,500	87 10 0	8,324 6 0		
	3 per cent. Bombay Municipal Debentures ...	1,11,300	Par.	1,11,300 0 0	Par.	1,11,300 0
	3½ Do, do. ...	32,700	Par.	32,700 0 0	Par.	32,700 0
	Total Rs. ...	4,57,100		4,28,543 15 6		4,71,655 15 0
Provident Fund ...	3½ per cent. Government Promissory Notes ...	1,36,000	Par.	1,36,000 0 0		
	Do. do. ...	1,44,700	97 6 6	1,40,946 13 6		
	Do. do. ...	65,500	97 6 0	63,780 10 0		
	Do. do. ...	14,02,400	60 0 0	8,41,440 0 0		
	Do. do. ...	10,000	68 11 0	6,868 12 0	99 9 0	26,91,672 3 0
	Do. do. ...	1,57,000	75 10 0	1,18,731 4 0		
	Do. do. ...	1,29,200	75 14 6	98,070 14 0		
	Do. do. ...	6,58,700	96 1 0	6,32,763 11 0		
	3½ per cent. Government Loan 1947-50 ...	16,00,300	98 8 0	15,76,295 8 0		
	Do. do. ...	2,01,200	94 13 6	1,90,825 10 0		
	Do. do. ...	1,42,600	94 13 0	1,35,202 10 0	103 9 0	37,71,642 11 0
	Do. do. ...	16,97,800	96 0 0	16,29,888 0 0		
	4 per cent. Government Loan 1960-70 ...	1,23,300	94 4 0	1,16,210 4 0		
	Do. do. ...	18,45,500	92 8 0	17,07,087 8 0		
	Do. do. ...	47,500	88 6 0	41,978 2 0		
	Do. do. ...	37,01,200	88 0 0	32,57,056 0 0	112 12 0	80,19,682 0 0
	Do. do. ...	13,36,000	87 10 0	11,70,670 0 0		
	Do. do. ...	59,300	Par.	59,300 0 0		
	3 per cent. Government Loan 1963-65 ...	12,90,800	98 0 0	12,64,984 0 0	98 15 0	12,77,085 4 0
	4 per cent. Bombay Improvement Trust Debentures	1,81,300	Different rates	1,40,693 0 0		
	Do. do. ...	46,100	Par.	46,100 0 0		
	Do. do. ...	3,80,300	84 4 0	3,20,402 12 0	113 4 0	18,10,301 4 0
	Do. do. ...	16,700	84 8 0	14,111 8 0		
	Do. do. ...	9,74,100	92 12 0	9,03,477 12 0		
	5 per cent. Bombay Improvement Trust Debentures	6,18,500	Different rates	5,65,335 0 0	120 0 0	7,42,200 0 0
	6 per cent. Bombay Improvement Trust Debentures	1,91,000	Do.	1,92,531 4 0		
	Do. do. ...	38,700	Par.	38,700 0 0	121 0 0	2,77,937 0 0
	3 per cent. Bombay Municipal Debentures ...	19,13,800	Par.	19,13,800 0 0	Par.	19,13,800 0 0
	6 per cent. Bombay Munl. Debentures 1950-60 ...	8,64,500	99 3 9	8,57,881 2 9	121 0 0	10,46,045 0 0
	4 per cent. Bombay Municipal Debentures ...	900	Par.	900 0 0	113 4 0	1,019 4 0
	3½ per cent Bombay Municipal Debentures ...	55,24,600	Do.	55,24,600 0 0	Par.	55,24,600 0 0
	Total Rs. ...	2,54,99,500		2,37,06,632 1 3		2,70,75,984 10 0
Fines Fund ...	3½ per cent. Government Promissory Notes ...	15,700	60 0 0	9,420 0 0		
	Do. do. ...	500	64 15 0	324 11 0		
	Do. do. ...	200	81 11 0	163 6 0		
	Do. do. ...	4,600	97 6 6	4,480 11 0	99 9 0	33,253 14 0
	Do. do. ...	12,400	Par.	12,400 0 0		
	3½ per cent. Government Loan 1947-50 ...	41,500	98 8 0	40,877 8 0		
	Do. do. ...	47,200	96 0 0	45,312 0 0	103 9 0	98,073 11 0
	Do. do. ...	6,000	94 13 0	5,688 12 0		
	Fines Fund Carried forward Rs. ...	1,28,100		1,18,667 0 0		1,31,327 9 0
	Carried forward Rs. ...	2,68,49,900		2,49,85,801 13 9		2,84,98,251 6 0

Appendix 16—*Concluded.*

Comparison of Face, Purchase and Market Values at 31st March 1945 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate per cent.	Value at Market rate.
		Rs.	Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Brought over Rs. ...	2,68,49,900		2,49,85,801 13 9		2,84,98,251 6 0
	Fines Fund Brought over Rs. ...	1,28,100		1,18,667 0 0		1,31,327 9 0
Fines Fund—(concld.)	4 per cent. Government Loan 1960-70 ...	20,000	88 0 0	17,600 0 0	112 12 0	
	Do. do. ...	500	92 8 0	462 8 0		23,113 12 0
	4½ per cent. Government Loan 1955-60 ...	2,800	82 6 0	2,306 8 0	117 4 0	3,283 0 0
	5 per cent. Tax Free Government Loan 1945-55 ...	1,300	117 7 0	1,526 11 0	102 5 0	1.330 1 0
	4 per cent. Bombay Port Trust Debentures ...	3,000	70 0 0	2,100 0 0	114 0 0	3,420 0 0
	4 per cent. Bombay Improvement Trust Debentures	48,900	Par.	48,900 0 0		
	Do. do. ...	11,000	84 4 0	9,267 8 0	113 4 0	84,937 8 0
	Do. do. ...	15,100	92 12 0	14,005 4 0		
	3 per cent. Bombay Municipal Debentures ...	3,21,900	Par.	3,21,900 0 0	Par.	3,21,900 0 0
	3 per cent. Government Loan 1963-65 ...	900	98 0 0	882 0 0	98 15 0	890 7 0
	3½ per cent. Bombay Municipal Debentures ...	9,300	Par.	9,300 0 0	Par.	9,300 0 0
	Total Rs. ...	5,62,800		5,46,917 7 0		5,79,502 5 0
Plant and Machinery Depreciation Fund	3½ per cent. Government Promissory Notes ...	200	97 6 6	194 13 0	99 9 0	199 2 0
	3½ per cent. Government Loan 1947-50 ...	7,100	98 8 0	6,993 8 0		
	Do. do. ...	3,100	94 13 0	2,939 3 0	103 9 0	22,680 3 0
	Do. do. ...	11,700	96 0 0	11,232 0 0		
	4 per cent. Government Loan 1960-70 ...	32.600	92 8 0	30,155 0 0	112 12 0	51,526 12 0
	Do. do. ...	13,100	87 10 0	11,478 14 0		
	4 per cent. Bombay Improvement Trust Debentures	52,400	Par.	52,400 0 0		
	Do. do.	2,200	84 4 0	1,853 8 0	113 4 0	63,306 12 0
	Do. do. ...	1,300	92 12 0	1,205 12 0		
	3 per cent. Bombay Municipal Debentures ...	3,84.200	Par.	3,84,200 0 0	Par.	5,16,200 0 0
	3½ Do. do.	1,32,000	Par.	1,32,000 0 0		
	Total Rs. ...	6,39,900		6,34,652 10 0		6,53,912 13 0
Renewal of Road Surfaces Fund.	3½ per cent. Government Loan 1947-50 ...	92,300	96 0 0	88,608 0 0	103 9 0	1,22,307 5 0
	Do. do. ...	25,800	98 8 0	25,413 0 0		
	4 per cent. Government Loan 1960-70 ...	1,34,200	92 8 0	1,24,135 0 0		
	Do. do. ...	2,47,400	87 10 0	2,16,784 4 0	112 12 0	4,55,397 4 0
	Do. do. ...	5,100	88 0 0	4,488 0 0		
	Do. do. ...	17,200	94 4 0	16,211 0 0		
	4 per cent. Bombay Improvement Trust Debentures	15,700	Par.	15,700 0 0		
	Do. do. ...	13,100	92 12 0	12,150 4 0	113 4 0	3,07,247 4 0
	Do. do. ...	2,41,400	84 4 0	2,03,379 8 0		
	Do. do. ...	1,100	84 8 0	929 8 0		
	3 per cent. Bombay Municipal Debentures ...	12,21,700	Par.	12,21,700 0 0	Par.	12,21,700 0 0
	3½ per cent. Do. do. ...	1,34,500	Par.	1,34,500 0 0		1,34,500 0 0
	3½ per cent. Government Promissory Notes ...	22,500	Par.	22.500 0 0	99 9 0	24,492 6 0
	Do. do. ...	2,100	97 6 6	2,045 8 6		
	Total Rs. ...	21,74,100		20,88,544 0 6		22,65,644 3 0
Garden Fund ...	3½ per cent. Government Promissory Notes ...	1,100	97 6 6	1,071 7 6	99 9 0	5,874 3 0
	Do. do. ...	4,800	Par.	4,800 0 0		
	3½ per cent. Government Loan 1947-50 ...	14,800	96 0 0	14,208 0 0		
	Do. do. ...	1,900	98 8 0	1,871 8 0	103 9 0	19,676 14 0
	Do. do. ...	2,300	94 13 0	2,180 11 0		
	4 per cent. Government Loan 1960-70 ...	800	Par.	800 0 0		
	Do. do. ...	1,800	87 10 0	1,577 4 0		
	Do. do. ...	2,300	92 8 0	2,127 8 0	112 12 0	28,187 8 0
	Do. do. ...	900	94 4 0	848 4 0		
	Do. do. ...	19,200	88 0 0	16,896 0 0		
	4 per cent. Bombay Improvement Trust Debentures	5.600	Par.	5,600 0 0		
	Do. do. ...	5,000	84 4 0	4,212 8 0	113 4 0	17,553 12 0
	Do. do. ...	4,900	92 12 0	4,544 12 0		
	3 per cent. Bombay Municipal Debentures ...	29,000	Par.	29,000 0 0	Par.	29,000 0 0
	3½ per cent. Do. do. ...	7,600	Par.	7,600 0 0	Par.	7,600 0 0
	Total Rs. ...	1,02,000		97,337 14 6		1,07,892 5 0
Hospital Fund ...	3½ per cent. Government Promissory Notes ...	7,600	98 7 6	7,483 10 0		
	Do. do. ...	1,74,100	97 1 0	1,68,985 13 0	99 9 0	1,80,965 1 0
	3½ per cent. Government Loan 1947-50 ...	1,400	98 8 0	1,379 0 0		
	Do. do. ...	30,900	96 0 0	29,664 0 0	103 9 0	1,33,595 10 0
	Do. do. ...	96,700	94 13 6	91,713 14 6		
	4 per cent. Government Loan 1960-70 ...	42,400	106 14 6	45,328 4 0	112 12 0	48,820 12 0
	Do. do. ...	900	92 8 0	832 8 0		
	3 per cent. Bombay Municipal Debentures ...	3,52,900	Par.	3,52,900 0 0	Par.	3,52,900 0 0
	Total Rs. ...	7,06,900		6,98,287 1 6		7.16,221 7 0
Slum Service Fund.	3½ per cent. Government Promissory Notes ...	2.600	Par.	2,600 0 0	99 9 0	2,588 10 0
	3 per cent. Municipal Debentures ...	1,72,600	Par.	1,72,600 0 0	Par.	1,72,600 0 0
		1,75,200		1,75,200 0 0		1,75,188 10 0
K.E.M. Hospital and G. S. M. College Equipment Fund.	3½ per cent. Government Loan 1947-50 ...	10,200	94 13 0	9,670 14 0	103 9 0	20,401 13 0
	Do. do. ...	9,500	98 8 0	9,357 8 0		
	3 per cent. Bombay Municipal Debentures ...	95,400	Par.	95,400 0 0	Par.	95,400 0 0
	Total Rs. ...	1,15,100		1,14,428 6 0		1,15,801 13 0
G. S. M. College and K. E. M. Hospital Research Fund.	3½ per cent. Government Laon 1947-50 ...	12,400	96 0 0	11,904 0 0	103 9 0	12,841 12 0
	4 per cent. Government Loan 1960-70 ...	8,400	92 8 0	7,770 0 0	112 12 0	18,265 8 0
	Do. do. ...	7,800	88 0 0	6,864 0 0		
	3 per cent. Municipal Debentures ...	25,000	Par.	25,000 0 0	Par.	25,000 0 0
	4 per cent. Bombay Improvement Trust Debentures	400	84 4 0	337 0 0	113 4 0.	453 0 0
	3½ per cent. Bombay Municipal Debentures ...	1,200	Par.	1,200 0 0	Par.	1,200 0 0
	3½ per cent. Government Promissory Notes ...	700	Par.	700 0 0		
	Do. do. ...	200	97 6 6	194 13 0	99 9 0	15,730 14 0
	Do. do. ...	14,900	97 6 0	14,508 14 0		
	Total Rs. ...	71,000		68,478 11 0		73,491 2 0
Precast Concrete Slab Pavements Renewal Fund.	3 per cent. Municipal Debentures ...	48,200	Par.	48,200 0 0	Par.	48,200 0.
Fidelity Guarantee Insurance Fund.	3½ per cent. Municipal Debentures	3,600	Par.	3,600 0 0	Par.	3,600 0 0
	3 per cent. Do. do. ...	14,500	Par.	14,500 0 0	Par.	14,500 0 0
	3½ per cent. Government Promissory Notes ...	900	Par.	900 0 0	99 9 0	1,493 7 0
	Do. do. ...	600	97 6 6	584 7 0		
		19,600		19.584 7 0		19,593 7 0
	Grand Total Rs. ...	3,14,64,700		2,94,77,432 7 3		3,32,53,699 7 0

J. K. DARUVALA,
Chief Accountant

U. M. MIRCHANDANI,
Municipal C

Appendix No. 16-A.

Comparison of Face, Purchase and Market Values at 31st March 1945 of the different Securities held in the Sinking Funds.

N.B.—Special attention is invited to para 17 of the Chief Accountant's Report.

Particulars of Securities.	Face value.	Purchase rate per cent.	Book value.	Market rate per cent.	Value at Market rate. (Municipal and Improvement Trust Debentures being valued at par).
	Rs.		Rs. a. p.		Rs. a. p.
4 per cent. Municipal Debentures ...	98,68,700	Par	98,68,700 0 0		98,68,700 0 0
4 Do. do. ...	55,900	$84\frac{1}{2}$	47,235 8 0		55,900 0 0
4 Do. do. ...	21,500	$84\frac{1}{4}$	18,113 12 0		21,500 0 0
5 Do. do. ...	60,27,000	Par	60,27,000 0 0	Par	60,27,000 0 0
6 Do. do. ...	1,000	Par	1,000 0 0		1,000 0 0
6 Do. do. ...	78,000	99-3-9	77,402 13 0		78,000 0 0
3 Do. do. ...	79,09,000	Par	79,09,000 0 0		79,09,000 0 0
$3\frac{1}{2}$ Do. do. ...	23,59,600	Par	23,59,600 0 0		23,59,600 0 0
4 per cent. Bombay Improvement Trust Debentures ...	15,00,700	$84\frac{1}{4}$	12,64,339 12 0		
4 Do. do. ...	1,32,200	$84\frac{1}{2}$	1,11,709 0 0	Par	25,31,600 0 0
4 Do. do. ...	5,06,700	$92\frac{3}{4}$	4,69,964 4 0		
4 Do. do.	3,92,000	Par	3,92,000 0 0		
4 per cent. Bombay Improvement Trust (coupon) Debentures.	3,76,600	$84\frac{1}{2}$	3,18,227 0 0	Par	5,00,000 0 0
4 Do. do. ...	1,23,400	$84\frac{1}{4}$	1,03,964 8 0		
4 per cent. Loan 1960-70 ...	1,13,100	Par	1,13,100 0 0		
4 Do. do. ...	30,42,300	75	22,81,725 0 0		
4 Do. do. ...	5,00,000	75-0-6	3,75,156 4 0		
4 Do. do. ...	3,18,000	88	2,79,840 0 0		
4 Do. do. ...	2,48,000	$92\frac{1}{2}$	2,29,400 0 0	$112\frac{3}{4}$	55,33,319 0 0
4 Do. do ...	4,48,000	$87\frac{5}{8}$	3,92,560 0 0		
4 Do. do. ...	2,22,300	$88\frac{3}{8}$	1,96,457 10 0		
4 Do. do. ...	15,900	$94\frac{1}{4}$	14,985 12 0		
$3\frac{1}{2}$ per cent. Loan 1947-50 ...	2,80,000	96	2,68,800 0 0		
$3\frac{1}{2}$ Do. do. ...	3,20,800	94-13-6	3,04,258 12 0		11,12,261 4 0
$3\frac{1}{2}$ Do. do. ...	29,700	$94\frac{13}{16}$	28,159 5 0	$103\frac{9}{16}$	
$3\frac{1}{2}$ Do. do. ...	4,43,500	$98\frac{1}{2}$	4,36,847 8 0		
$4\frac{1}{2}$ per cent. Loan 1955-60 ...	5,00,000	$79\frac{3}{4}$	3,98,750 0 0	$117\frac{1}{4}$	5,86,250 0 0
3 per cent. Loan 1963-65 ...	1,93,800	98	1,89,924 0 0	$98\frac{15}{16}$	1,91,740 14 0
$3\frac{1}{2}$ per cent Government Paper ...	12,86,300	Par	12,86,300 0 0		
$3\frac{1}{2}$ Do. do.	3,45,300	97-6-6	3,36,343 12 6	$99\frac{9}{16}$	17,89,237 11 0
$3\frac{1}{2}$ Do. do.	1,65,500	97-6-0	1,61,155 10 0		
4 per cent. Bombay Improvement Trust Sterling Debentures.	£ 25,000	£ 80 at 1s. 6*d*.	2,66,666 10 8	Par at 1s. $5\frac{31}{32}$ *d*.	3,33,913 0 8
Total Rs. ...	3,78,24,800 £ 25,000		3,65,28,686 13 2		3,88,99,021 13 8

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 16-B.

Statement showing the amount of and object for which the Donations held under Public Monuments Maintenance Fund were received from different parties up to 31st March 1945.

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
Sir Mangaldas Nathoobhoy ...	Donation for the maintenance of Sir Mangaldas Nathoobhoy Clock at Mumbadevi.	3½ per cent. Government Paper, 1879 ...	500	Par	500 0
The Secretary, Tata Memorial ...	Donation for the maintenance of J. N. Tata Statue ...	3½ per cent. Government Paper, 1900-01 ...	1,200	Do.	1,200 0
The Secretary, Ranade Memorial ...	Donation for the maintenance of Ranade Statue ...	4 per cent. Bombay Improvement Trust Loan due 1962 ... 3½ per cent. Government Paper, 1900-01 ...	1,000 200	Do.	} 1,200 0
Mr. P. J. Mistri ...	Donation for the maintenance of N. M. Petit Statue at Gowalia Tank Road ...	3½ per cent. Government Paper, 1900-01 ... 3½ per cent. Government Paper, 1879 ...	2,000 1,000	Do. Do.	} 3,000 0
Messrs. J. D. Framroz, R. B. Jeejeebhoy and P. C. Sethna.	Donation for the maintenance of Sir D. M. Petit Statue ...	4 per cent. Loan 1960-70 ...	2,400	88 0	2,112 0
Mr. Cassumally Jairajbhoy Peerbhoy ...	Donation for the maintenance of a fountain at the junction of Hornby Road and Palton Road.	4 per cent. Loan 1960-70 ...	5,500	92 8	5,087 8
The Secretary, Montague Memorial Fund ...	Donation for the maintenance of the Montague Statue at the junction of Marine Lines and Church Gate Street. ...	6 per cent. Municipal Debentures 1950-60 ... 4 per cent. Loan 1960-70 ...	1,200 900	99 10 88 0	1,195 8 792 0
Mr. Surajmal Hanmantrai ...	Donation for the maintenance of a public fountain at Princess Street. ...	4 per cent. Loan 1960-70 ... 3½ per cent. Government Paper ...	2,600 100	92 8 60 0	2,405 0 60 0
Mr. Chaturbhuj Jivandas ...	Donation for the maintenance of the new Bandstand at Chowpatty ...	4 per cent. Government Loan 1960-70 ...	400	88 0	352 0
Mr. Jamnadas Dwarkadas ...	Donation for the maintenance of a water trough for watering Victoria horses and bullocks at the junction of Colaba and Pilot Bunder Roads.	Do. do. ...	400	88 0	352 0
Dr. K. E. Dadachanji ...	Donation for the maintenance of a fountain at the junction of Frere Road and Carnac Bridge				7,230 0
Mr. D. P. Kothare ...	Donation for the maintenance of a fountain at Mint Road ...				1,570 0
Mr. K. D. Dhuru ...	Donation for the maintenance of a fountain at the junction of old Purbhadevi and Cadell Road.	4 per cent. Government Loan 1960-70 ...	15,200	88 0	452 0
Mr. Gokuldas Karsondas Shroff ...	Donation for the maintenance of a cattle trough and drinking fountain at Lady Jamshedji Road.	3½ per cent. Government Paper ...	100	60 0	1,001 0
Mr. Fattechand Revaldas ...	Donation for the maintenance of a fountain at Narayan Dhuru Street. ...				353 0
Mr. Hansraj Pragji ...	Donation for the maintenance of a cattle trough at Clerk Road ...				2,830 0
Mr. F. P. Pavri ...	Donation for the maintenance of a drinking fountain at the junction of Cadell Road and Old Purbhadevi Road.	4 per cent. Loan 1960-70 ...	600	88 0	528 0
The Secretary, Dr. Dadabhoy Naoroji Memorial Fund.	Donation for the maintenance of the Statue of Dr. Dadabhoy Naoroji ...	4 per cent. Loan 1960-70 ...	1,400	88 0	1,232 0
Mr. Khimji Madon Bhujpuria ...	Donation for the upkeep of a water trough on site opposite the Jamshed Mill.	4 per cent. Loan 1960-70 ...	600	88 0	528 0
Mr. L. R. Tairsee ...	Balance out of donation received from Mr. L. R. Tairsee for the construction of a cattle trough at the top end corner of Walkeshwar near "Tin Batti".				
		Carried forward Rs. ...	37,300		33,980 0

Appendix No. 16-B.—*Concluded.*

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
		Brought forward Rs. ...	37,300		33,980 0
Mr. N. P. Wadia ...	Balance out of donation received for construction of three cattle troughs at Bhoiwada Road, Parel Tank Road and Sewree Cross Road	4 per cent. Loan 1960-70 ...	1,200	88 0	1,056 0
Mr. F. B. Jeejeebhoy ...	Balance out of donation received for the construction of a public fountain and water trough at the junction of Suparibag Road and Government Gate Road.	4 per cent. Loan 1960-70 ...	1,500	88 0	1,320 0
Mr. Anantrao Vithoba Kowley ...	Balance out of donation received for the construction of a fountain and cattle trough at the junction of Bhawani Shanker Road and Gokhale Road.	3½ per cent. Government Paper ...	1,500	64 15	974 1
Mr. Ramdas Raghowji Govindji ...	Balance out of the donation received for the construction of a fountain and cattle trough at Cavel Street.	3½ per cent. Government Paper ...	1,700	60 0	1,020 0
Mr. C. K. Kakade ...	Balance out of the donation received for the construction of a fountain at Bellasis Road.	4 per cent. Loan 1960-70 ...	200	88 0	176 0
Hon. Secretary, Lok. Tilak Memorial Committee.	Donation for the maintenance of the Statue of Lok. Tilak at Chowpatty Sands.	3½ per cent. Government Paper ...	1,400	Par	1,400 0
Mr. M. E. Joshi Memorial Committee ...	Donation for the maintenance of the marble bust of Mr. M. E. Joshi at Parsi Colony, Dadar.				
Sir Patrick Kelly Memorial Committee ...	Donation for the maintenance of the Statue of Sir Patrick Kelly, Kt., C.I.E., opposite Crawford Market.	3 per cent Municipal Debantures ...	500	Par	500 0
Joint Honorary Secretary Dr. A. G. Viegas Memorial Committee.	Donation for the maintenance of the Statue of the late Dr. A. G. Viegas at Dhobi Talao ...	3½ per cent Government Loan 1947-50 ...	900	108 2	973 2
Khan Bahadur Kawasji J. Petigara Memorial Committee	Donation for the maintenance of the Statue of Khan Bahadur K. J. Petigara.	3 per cent. Municipal Debentures ... 3½ per cent. Government Paper 1842-43 ...	500 500	Par 96 3	500 0 480 15
Sir Dinshaw Watcha, Kt., Memorial Committee ...	Donation for the maintenance of the Statue of Sir Dinshaw Watcha, Kt. ...	3½ per cent. Goverement Paper 1842-43 ...	500	96 3	480 15
Trustees of late Kasambhai Vali Gangji's Estate ...	Donation for the maintenance of a drinking fountain at the junction on Sandhurst Road and New Chinchbunder Road ...	3½ per cent. Government Paper ...	1,700	99 4	1,687 4
Bai Muktabai W/o of Dr. M. V. Parulekar ...	Donation for the maintenance of a drinking fountain at Lakhamsey Napoo Road ...	3½ per cent. Government Paper ...	500	99 6	496 14
Mr. P. S. Gaikawad ...	Donation for the maintenance of a drinking fountain near Round Temple Sandhurst Road ...	3½ per cent. Government Paper ...	700	100 2	700 14
		Total ...	50,600		45,746 1
Mrs. A. M. Stewart ...	Donation for maintenance of Cemetery No 20 at Antop Hill for the European Jewish Community.	3 per cent. Municipal Debentures	2,500	Par	2,500 0
Rao Bahadur Ellappa Balaram ...	Donation for the maintenance of a Charitable Dispensary at Kamathipura ...	4 per cent. Bombay Improvement Trust Loan due 1966 ...	5,000	Par	19,500 0
Bai Lingoobai, widow of Rajanna Jalooji ...	Do. do. do. do.	4 per cent. Bombay Improvement Trust Loan due 1972 ...	14,500	Do.	
Colaba Free Dispensary ...	Donation for the maintenance of Assets of the dispensary taken over by the Municipality on its taking over the dispensary.	3½ per cent. Government Paper 1854-55 ...	10,700	Do.	10,700
Joint Honorary Secretaries and Treasurers, George V Anti-Tuberculosis League.	Donation for the maintenance of Assets transferred to the Municipality on its taking over the League.	4 per cent. Government Loan 1960-70 ... 3½ per cent. Government Paper 1900-01 ... 4 per cent. Municipal Debentures due 1954 ...	1,200 1,000 20,000	87 10 Par Do.	1,051 8 21,000 0
Mr. Shapurji Sorabji ...	Donation in connection with the house in Khetwadi given by him for being used as a Maternity Home.	3½ per cent. Government Paper 1854-55 ... 3½ per cent. Government Paper 1879 ...	5,000 5,000	Do. Do.	10,000 0
Messrs. Little & Co. ...	Amount representing balance out of the amount set apart for the purchase of Bai Gowrabai Dispensary Building at Kamathipura.	4 per cent. Loan 1960-70 ...	2,900	88 0	2,552 0
Do.	Donation for meeting charges for repairs, etc., to Bai Gowrabai Dispensary at Kamathipura.	6 per cent. Municipal Debentures 1950-60 ...	5,000	99 10	4,981 4
Unspent balance out of the donation from the estate of the late Mr. Mahomed Haji Saboo Sidick.	Donation for establishing and maintaining Maternity Homes in Bombay ...	3 per cent. Municipal Debentures ...	52,600	Par	52,600 0
		Total ...	1,22,900		1,22,384 12
		Grand Total Rs. ...	1,76,000		1,70,630 13

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI.

Appendix No. 16-C.

Statement showing the amounts of and object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1945.

Name of donor.	Object for which the endowment is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
	Scholarships and Prizes.		Rs.	Rs. a.	Rs. a.
The Bhawnagar Durbar ...	"Bhawnagar State Entrance Scholarship" at G. S. M. College ...	4 per cent. Government Loan 1960-70 ...	5,900	88 0	5,192 0
Dr. N. A. Purandare ...	"Savitribai Purandare Prize" at K. E. M. Hospital ...	Do. do. ...	300	Par	300 0
		3½ per cent. Government Paper ...	100	Par	100 0
Mr. Tulsidas H. Parekh ...	"Bai Bachubai Thakurdas Parekh Entrance Scholarship" at G. S. M. College.	4 per cent. Government Lone 1960-70 ...	3,700	88 0	3,256 0
Mr. Lalji Naranji ...	"Lalji Naranji Scholarship" at G. S. M. College ...	Do. do. ...	4,500	88 0	3,960 0
Mr. Chaturbhuj Gordhandas Sunderdas ...	"Chaturbhuj Gordhandas Sunderdas Scholarship" and "Bai Gangabai Gordhandas Sunderdas Scholarship" at G. S. M. College.	Do. do. ...	9,100	88 0	8,008 0
Dr. (Mrs.) Dossibai Jehangir Rattanshaw Dadabhoy, M.D., M.R.C.P. (Lond.).	"Awabai Rattanshaw Dadabhoy Scholarship" at G. S. M. College.	Do. do. ...	3.900	88 0	3.432 0
		3½ per cent. Government Paper 1900-01 ...	200	68 4	136 8
Mr. Jehangir Rattanshaw Dadabhoy ...	"Rattanshaw Dadabhoy Scholarship" at G. S. M. College ...	4 per cent. Government Loan 1960-70 ...	3,900	88 0	3,432 0
The Honorary Staff and Professors of the K. E. M. Hospital and G. S. M. College.	"Bahadurji Memorial Scholarship in Surgery" at G. S. M. College. ...	Do. do. ...	3,900	88 0	3,432 0
The Trustees of Dr. Choksy's Entertainment Fund.	Donation for endowing a Gold Medal called "Sir Nusserwanji Choksy Memorial Prize Medal" at G. S. M. College.	6 per cent. Municipal Debentures 1950-60 ...	2,000	99 10	1,992 8
		3 per cent. Municipal Debentures ...	100	Par	100 0
		4 per cent. Government Loan 1960-70 ...	100	Par	100 0
			200	97 5.	194 10
			300	98 6	295 2
		3 per cent. Government Loan 1963-65 ...	200	98 0	196 0
H. H. the Maharana Shri Sir Doulatsingji, K.C.I.E., Thakore Saheb of Limbdi.	Donation for awarding a gold medal and a miniature replica of the Challenge Cup.	6 per cent. Municipal Debentures 1950-60 ...	1,800	99 10	1,793 4
Dr. Shirwalkar Memorial Fund Committee ...	"Dr. Shirwalkar, General Proficiency Scholarship and Medals" at G. S. M. College.	3½ per cent. Government Paper 1900-01 ...	6,000	Par	6,000 0
		Do. do. ...	3,000	Do.	3,000 0
		4 per cent. Municipal Debentures ...	2,000	Do.	2,000 0
Mrs. Dhungavri Rangildas Desai ...	Donation for endowing two prizes of Rs. 20 each to the Nurses of the K. E. M. Hospital.	4 per cent. Bombay Port Trust Bonds 1913 ...	1,000	Do.	1,000 0
Dr. E. Moses ...	"Mrs. Abigail Elijah Moses Prize" at K. E. M. Hospital ...	3½ per cent. Government Paper ...	500	Do.	500 0
		3½ per cent. Government Loan 1947-50 ...	100	102 12	102 12
Messrs. Win and Co., Solicitors, on behalf of the executors of the will of the late Mr. Kassamji Ranchhodji Desai.	"Kassamji Ranchhodji Prize" at K. E. M. Hospital ...	3½ per cent Government Loan 1865 ...	1,000	99 1	990 10
		4 per cent. Government Loan 1960-70 ...	9,000	88 0	7,920 0
		3 per cent. Government Loan 1963-65 ...	1,200	98 6	1,180 8
		3½ per cent. Government Loan 1947-50 ...	1,000	100 7	1,004 6
		3 pet cent. Municipal Debentures ...	300	Par	300 0
		3½ per cent. Government Paper 1900-01 ...	500	95 4	476 4
Dr. H. D'Sa ...	Mrs. D'Sa Memorial Gold Medal at G. S. M. College ...	4 per cent. Bombay Port Trust Debentures ...	3,000	Par	3,000 0
Mrs. Luxmibai Kane ...	Dr. G. W. Kane Memorial Gold Medal at G. S. M. College ...	3½ per cent. Government Loan 1947-50 ...	1,200	101 1	1,212 12
Mr. N. Dhume ...	Narayan Dhume Prize at G. S. M. College ...	3½ per cent. Government Paper ...	1,000	Par	1,000 0
Mr. Parmanand Krishnarao Rele ...	Dakurnath Krishnarao Rele Prize ...	3½ per cent. Loan 1947-50 ...	500	103 11	518 7
Prof. Khanolkar Farewell Fund Committee ...	Prof. V R Khanolkar Prizes ...	3½ per cent G. P. Notes 1865 ...	5,700	94 3	5,368 11
Dr. P. T. Patel Memorial Fund Committee ...	Dr. P. T. Patel Entrance Scholarship at G. S. M. College ...	Do. ...	5,200	94 3	4,897 12
Do. Do	Dr. P. T. Patel Prize at G. S. M. College ...	Do. ...	3,100	94 3	2,919 13
Seth G. S. M. College & K. E. M. Hospital Staff Farewell Fund Committee. ...	The Seth G. S. M. College and K. E. M. Hospital Staff Fund for awarding prizes and making grants for attending Medical & Scientific conferences etc. ...	Do. ...	9,400	94 3	8,853 10
Dr. R. N. Cooper. ...	Jangoo Shavaksha Marzban Prize ...	Do. ...	2,100	94 3	1,977 15
Dr. R. N. Cooper. ...	Bai Banoobai Nusserwanji Cooper Prize ...	Do. ...	9,000	Par	9,000 0
Lakdawala Sister's ...	Mrs. Soonamai Bapuji Cama Prizes ...	3½ per cent. G. P. Notes ...	500	Per	500 0
		Scholarships—Total, Carried over Rs. ...	1,06,500		99,643 8

Appendix No. 16-C—*Concluded.*

Name of donor.	Object for which the endowment is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
		Brought forward Rs. ...	1,06,500		99,643 8
	Clothing.				
Messrs. Ardeshir Hormasji Dinshaw and Co., on behalf of the Advocate-General.	Donation for the grant of warm clothing to patients discharged from the K. E. M. Hospital out of interest realised on securities.	3½ per cent. Government Paper 1879 ...	10,000	Par	10,000 0
		3½ per cent. Government Paper 1900-01 ...	18,600	Do.	18,600 0
		3½ per cent. Government Paper 1900-01 ...	2,000	98 4	1,965 0
		4 per cent. Government Loan 1960-70 ...	8,000	88 0	7,040 0
		4 per cent. Government Loan 1960-70 ...	4,800	87 10	4,206 0
		4 per cent. Government Loan 1960-70 ...	2,000	76 5	1,526 4
		3 per cent. Loan 1963-65 ...	4,000	98 0	3,920 0
		4 per cent. Bombay Improvement Trust Debentures ...	100	Par	100 0
	Education.	Clothing, Total Rs. ...	49,500		47,357 4
The Society for the Promotion of Education among the masses known as the Dadabhoy Nowrosji Poor Boys' Seminary.	Donation for the Promotion of Education among the masses ...	3½ per cent. Government Paper 1842-43	5,000	Par	5,000 0
President, Dharmajirao Rokade Free Reading Room & Library ...		3½ Do. do. 1900-01	3,000	Do.	3,000 0
		3½ Do. do. 1865 ...	900	97 2	874 2
			8,900		8,874 2
	Poor Box Charity.				
Mr. Mansukhlal Chaganlal ...	Donation towards the Poor Box Charity Fund at K. E. M. Hospital ...	4 per cent. Government Loan 1960-70 ...	5,700	88 12	5,058 12
....	Balance out of the donations received during the Influenza Epidemic invested in Securities, the interest being utilised for augmenting the Poor Box Charity Fund (Corporation Resolution No. 13650 of 12th March 1928).	4 per cent. Government Loan 1960-70 ...	5,800	88 0	5,104 0
	Securities purchased out of interest accumulations.	4 Do. do. ...	900	79 0	711 0
		3½ per cent. Government Loan 1865 ...	2,000	96 2	1,922 8
The Estate Agent, Bombay Improvement Trust on behalf of the staff.	Donation towards the Poor Box Charity Fund ...	4 Do. do. 1960-70 ...	200	88 0	176 0
Mr. Malloo Baloo ...	Donation in memory of Bai Rajiabai Malloo Yadav towards the Poor Box Charity Fund.	3 per cent. Municipal Debentures ...	1,000	Par	1,000 0
	Convalescent Home.	Poor Box Charity, Total Rs. ...	15,600		13,972 4
Dean, K.E.M. Hospital ...	Donation out of Poor Box Charity Fund for a Convalescent Home ...	3 per cent. Government Loan 1951-54 ...	6,000	Par	6,000 0
		3½ Do. do. 1879 ...	1,000	Do.	1,000 0
		3½ Do. do. 1842-43 ...	41,000	Do.	41,000 0
		3½ Do. do. 1865 ...	14,400	Do.	14,400 0
		3½ Do. do. 1854-55 ...	9,000	Do.	9,000 0
		3½ Do. do. 1900-01 ...	17,000	Do.	17,000 0
		4 Do. do. 1960-70 ...	20,000	Do.	20,000 0
		4 Do. Bombay Port Trust Debentures ...	4,000	Do.	4,000 0
		4 Do. Bombay Improvement Trust Debentures ...	24,000	Do.	24,000 0
Purchased out of accumulated interest on the Securities held in fund ...		5 Do. Bombay Municipal Debentures ...	18,000	Do.	18,000 0
		6 Do. do. do. ...	12,000	Do.	12,000 0
		3 Do. do. do. ...	500	Do.	2,500 0
		Convalescent Home, Total Rs. ...	1,68,900		1,68,900 0
		Grand Total Rs. ...	3,49,400		† 3,38,747 2

J. K. DARUVALA,
Chief Accountant.

† Including the Cash balence of Rs. 162-15-8 with the Imperial Bank of India in respect of the Convalescent Home, the Endowment Fund stands at Rs. 3,38,910-1-10 as Shown in Appendix No. 6

U. M. MIRCHANDANI,
Municipal Commissioner.

Statement showing the quantity and value of several articles upon which Tow[n]

Months and Year	Grain and Pulse at 8 pies per maund. Maunds.	Grain and Pulse: Amount of duty.	Flours of all sorts at 75 per cent. of the rate at the time being levied on the grain from which flour is prepared at 6 pies per maund. Maunds.	Flours: Amount of duty.	Wines and Spirits at 4 annas per gallon. Gallons.	Wines and Spirits: Amount of duty.	Beer at 6 pies per gallon. Gallons.	Beer: Amount of duty.	Sugar at 8 a[nnas] per cwt. Cwt.	Sugar: Amount of duty.
		Rs.		Rs.		Rs.		Rs.		Rs.
I.—Duty collected by Bombay Port Trust.										
1944—										
April ...	235,231	9,802	...	...	...	...	...	...	93	[illegible]
May ...	1 033,746	43,073	...	...	23,106	5,777	3,434	111	...	[illegible]
June ...	517,564	21,565	23,290	728	18,160	4,540	17,930	560	2,214	[illegible]
July ...	129,274	5,386	80	2	24,399	6,099	468	14	...	[illegible]
August ...	1,035,593	43,149	1,362	42	8,736	2,184	15,158	473	...	[illegible]
September ...	1,045,333	43,556	...	...	11,938	2,985	15,394	481	...	[illegible]
October ...	1,006,495	41,937	466	15	13,336	3,334	29,312	916	...	[illegible]
November ...	1,410,119	58,755	4,532	142	17,331	4,332	17,190	537	...	[illegible]
December ...	1,269,772	52,907	...		9,759	2,439	20,532	641	50	[illegible]
1945—										
January ...	820,818	34,202	938	29	21,543	5,386	33,196	1,037	245	[illegible]
February ...	1,060,196	44,175	1,602	50	12,395	3,099	8,722	272	...	[illegible]
March ...	901,628	37,568	...	...	16,713	4,179	8,598	268	575	[illegible]
Paddy ...	19,739	514	...	...	...	...	...	...	...	[illegible]
Total ...	1,04,85,508	436,589	32,270	1,008	177,416	44,354	169,934	5,310	3,177	[illegible]
II.—Duty collected by G. I. P Railway.										
1914—										
April ...	526,014	21,917	...		960	240	...	...	17,015	[illegible]
May ...	210,799	8,783	...	...	3,887	972	...	...	19,003	[illegible]
June ...	542,439	22,602	...	...	16,318	4,079	...	...	12,317	[illegible]
July	612,645	25,527	...	...	7,912	1,978	...	...	18,002	[illegible]
August ...	211,533	8,814	...	...	42	11	...	...	45,008	[illegible]
September ...	449,298	18,721	...	...	11,557	2,889	...	...	17,082	[illegible]
October ...	523,736	21,822	...	...	3,906	976	...	...	43,500	[illegible]
November ...	441,140	18,381	...	...	...	...	...	...	38,405	[illegible]
December ...	659,895	27,496	...	...	3,962	991	...	...	55,696	[illegible]
1945—										
January ...	804,153	33,506	...	...	8,517	2,129	...	...	76,436	[illegible]
February ...	153,378	6,391	...	...	7,881	1,970	...	...	74,135	[illegible]
March ...	824,239	34,343	...	...	...	...	...	...	45,734	[illegible]
Total ...	5,959,269	248,303	...	...	64 942	16,235	...	...	462,333	[illegible]
III.—Duty collected by B. B. & C. I. Railway.										
1944—										
April ...	453,377	18,891	...	...	11,344	2,836	1,692	53	123,120	[illegible]
May ...	729,250	30,385	...	...	16,200	4,050	8.460	264	206,919	[illegible]
June ...	471,597	19,649	...	...	7,655	1,914	...	...	90,710	[illegible]
July ...	318,773	13,282	...	...	6,749	1,687	...	...	54,368	[illegible]
August ...	294,984	12,291	...	...	8,609	2,152	...	...	43,996	[illegible]
September ...	283,391	11,808	...	...	11,511	2,878	...	...	79,369	[illegible]
October ...	271,962	11,332	...	...	4,529	1,132	...	...	74,158	[illegible]
November ...	544,609	22,692	...	...	8,154	2,038	...	...	108,613	[illegible]
December ...	640,938	26,706	...	...	5,273	1,318	...	...	103,739	[illegible]
1945—										
January ...	675,586	28,150	...	...	3,850	963	...	...	195,071	[illegible]
February ...	199,116	8,297	84	3	3,680	920	...	...	55,802	[illegible]
March ...	231,387	9,641	40	1	4,382	1,096	1,400	44	43,638	[illegible]
Total ...	5,114,970	213,124	124	4	91,936	22,984	11,552	361	1,179,503	[illegible]
IV.—Duty collected by Election and Town Duty Officer.										
1944—										
April ...	30,333	1,264	770	24	23,886	5,972	228	7	4,160	[illegible]
May ...	20,504	854	560	18	22,217	5,554	178	6	5,582	[illegible]
June ...	15.117	630	274	9	22,088	5,522	256	8	4,442	[illegible]
July ...	7,454	310	8,070	252	23,629	5,907	576	18	1,514	[illegible]
August ...	14,156	590	...	...	40,400	10,100	...	...	4,952	[illegible]
September ...	20,364	848	...	...	28,755	7,189	...	...	6,468	[illegible]
October ...	9,523	397	...	...	28,736	7,184	...	...	7,335	[illegible]
November ...	6,798	283	...	...	38,372	9,593	...	...	7,717	[illegible]
December ...	34,966	1,457	...	...	30,206	7,552	...	...	12,074	[illegible]
1945—										
January ...	71,581	2,983	...	...	36,054	9,013	...	...	30,104	[illegible]
February ...	40,722	1,697	...	...	32,524	8,131	...	...	12,099	[illegible]
March ...	46,959	1,957	...	...	28,500	7,125	...	...	6,332	[illegible]
Total ...	318,477	13,270	9,674	303	355.367	88,842	1,238	39	102,779	[illegible]
Grand Total ...	21,878,224	911,286	42,068	1,315	689,661	172,415	182,724	5,710	1,747,792	[illegible]
Deduct—Refunds passed by E. & T. D. O. ...	5,989,167	249,549	354,160	11,068	5,405	1,351	1,420	44	438,915	[illegible]
Net Revenue ...	15,889,057	661,737	−312,092	−9,753	684,256	171,064	181,304	5,666	1,308,877	[illegible]

Commission etc. charges on General Town Duty collected by

Month.	Bombay Port Trust.	G. I. P. Railway.	B. B. & C. I. Railway.	Total.
	Rs.	Rs.	Rs.	Rs.
1944—				
April ...	1,990	1,001	2,222	5,213
May ...	925	1,805	4,912	7,642
June ...	416	911	2,727	4,054
July ...	1,171	879	4,402	6,452
August ...	676	1,133	2,312	4,121
September ...	2,789	...	—1	2,788
October ...	1,691	2,199	2,928	6,818
November ...	1,733	1,411	2,047	5,191
December ...	2,576	1,413	—1	3,988
1945—				
January ...	2,314	1,709	4,800	8,823
February ...	1,621	...	2,564	4,185
March ...	2,458	1,524	4,315	8,297
Total ...	20,360	13,985	33,227	67,572

J. K. DARUVALA,
Chief Accountant.

No. 17.

Duty was levied during 1944-45 under section 192(1) of the City of Bombay Municipal Act of 1888.

Ghee and Vegetable products at 10 annas per quarter.		Timber at 2½ per cent. on Market Value.		Firewood at 6 annas per ton.		Sundries.		Total Monthly Collections.
Quarters.	Amount of duty.	Value.	Amount of duty.	Tons.	Amount of duty.	*Plus.*	*Minus.*	
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
6,169	3,859	572,316	14,313	8,821	3,311	...	...	31,332
8,292	5,183	791,112	19,777	7,019	2,632	...	...	76,553
1,333	833	77,910	1,947	74	28	...	...	31,308
404	252	18,245	456	9	3	...	...	12,212
678	423	31.197	779	122	45	...	...	47,095
5,146	3,216	215,495	5,387	1,943	728	...	...	56,353
4,983	3,114	301,205	7,530	4,944	1,854	...	...	58,700
13,284	8,302	521,887	13,047	6,182	2,318	...	...	87,433
9,651	6,032	447,032	11,175	6,098	2,286	...	...	75,505
12,198	7,623	561,542	14,038	7,058	2,646	...	...	65,083
11,194	6,996	538,292	13,457	5,750	2,156	...	...	70,205
9,583	5,989	820,457	20,511	9,530	3,574	...	...	72,376
...	...	...	...	...	...	...	...	514
82,915	51,822	4,896,690	122,417	57,550	21,581	...	...	684,669
3,429	2,143	65,792	1,645	496	186	...	...	34,639
2,081	1,301	11,105	278	1,958	734	...	...	21,570
1,127	704	114,413	2,860	1,907	715	...	...	37,119
544	339	81,795	2,045	1,288	483	...	...	39,373
652	407	106,137	2,653	2,103	788	...	...	35,177
1,159	725	207,830	5,195	939	352	...	...	36,423
2,113	1,320	87,233	2,181	233	87	...	...	48,136
4,092	2,558	92,387	2,310	233	87	...	...	42,538
8,093	5,059	91,565	2,289	...	...	...	...	63,683
4,939	3,087	136,753	3,419	...	...	...	...	80,359
2,155	1,347	158,190	3,955	2,563	962	...	...	51,693
5,395	3,373	92,075	2,302	6,354	2,383	...	...	65.267
35,779	22,363	1,245,275	31,132	18,074	6,777	...	...	555,977
6,139	3,836	131,500	3,287	3,102	1,163	1	...	91,627
5,782	3,614	176,225	4,406	3,644	1,367	1	...	147,546
3,959	2,474	104,170	2,604	3,846	1,442	...	...	73,439
3,894	2,434	222,060	5,551	2,368	888	...	...	51,026
2,959	1,849	287,760	7,194	5,677	2,129	...	...	47.613
4,711	2,945	398,880	9.972	5,954	2,233	...	...	69.521
8,419	5,262	502,790	12,570	5,686	2,132	...	...	69,507
3,559	2,224	307,685	7,692	6,642	2,491	...	...	91,444
1,825	1,140	298,840	7,471	3,410	1,279	...	...	89,783
1,085	679	392,290	9,807	7,773	2,915	...	...	140,049
2,532	1,583	367,505	9.188	7,174	2,690	...	...	50,582
1,556	973	467,025	11,676	8,039	3,015	...	...	48,265
46,420	29,013	3,656,730	91,418	63,315	23,744	2	...	970,402
4,022	2,514	141,135	3,529	325	122	...	...	15,512
6,147	3,842	234,082	5,852	523	196	...	...	19,113
10,354	6,471	252,690	6,317	277	104	...	...	21,282
5,901	3,688	195,490	4,887	100	37	...	...	15,856
5,892	3,682	167,443	4,186	149	56	...	...	21,090
6,529	4,081	158,038	3,951	201	76	...	...	19,379
10,367	6,479	230,892	5,772	126	47	...	...	23,546
12,237	7,649	246,858	6,171	258	97	...	...	27,651
5,348	3,342	228,510	5,713	389	146	...	...	24,247
8,340	5,213	310,067	7,752	745	279	...	...	40,292
5,327	3,329	346,765	8,669	355	133	...	...	28,009
6,111	3,819	359,320	8,983	205	77	...	...	25,127
86,575	54,109	2,871,290	71,782	3,653	1,370	...	...	281,104
251,689	157,307	12,669,985	316,749	142,592	53,472	2	...	2,492,152
3,565	2,228	112,852	2,821	...	...	...	...	486,519
248,124	155,079	12,557,133	313,928	142,592	53,472	2	...	2,005,633

	Rs.	Rs.	Rs.
Total Collection of Town Duty for 1944-45 ...			2,492,152
Add—Outstanding on 31st March 1944 due by—			
Bombay Port Trust	784		
G. I. P. Railway	14,278		
B. B. & C. I. Railway	2,896		
			17,958
			2,510,110
Deduct—Outstanding balances on 31st March 1945 due by—			
Bombay Port Trust	1,185		
G. I. P. Railway	25,154		
B. B. & C. I. Railway	3,550		
		29,889	
Total amount of commission, etc., charges for the collection of Town Duty deducted at the source ...		67,572	
Refunds paid in 1944-45—			
For previous years	65,895		
For 1944-45	406,700		
		472,595	570,056
		Total Rs. ...	1,940,054

Refunds—		
Balance outstanding for 1943-44 ...	190,334	
Add—Refunds sanctioned by E. & T.D.O. for 1944-45.	486,519	
		676,853
Less—Refunds passed by the Chief Accountant ...		472,595
Balance outstanding ...		204,258

U. M. MIRCHANDANI,
Municipal Commissioner.

Income of the Bombay Municipality from the year

	Taxation Proper									
Year.	Gross Valuation.	House Rate.	Police Rate.	Wheel Tax and Tolls.	Licences for Trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty.	Liquor Licences.	T bacco Licences.	
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
		Consolidated Rate.								
1932-33 ...	14,41,33,933	@ 11%	1,20,42,747	10,70,340	1,71,385	11,27,188	8,28,856	1,43,750	3,50,771	@ ½%
933-34 ...	14,32,51,802	@ 11%	1,22,45,281	10,57,393	1,69,759	14,02,738	8,86,189	1,43,750	2,54,247	Do.
1934-35 ...	14,54,15,785	@ 12%	1,33,68,984	11,46,683	1,78,149	13,87,977	*758	1,43,750	3,65,150	Do.
1935-36 ...	14,72,00,410 †Rateable Value	Do.	1,28,88,990	11,13,357	1,82,301	14,77,756		1,43,750	3,28,225	Do.
1936-37 ...	13,31,56,299	@ 11%	1,26,18,595	10,74,038	1,92,968	14,48,130		1,43,750	3,93 000	Do.
1937-38 ...	13,62,69,866	Do.	1,25,73,931	14,29,080	1,93,564	13,09,001		1,43,750	4,14,250	Do.
1938-39 ...	13,48,69,247	Do.	1,36,06,715	13,69,662	2,09,522	15,52,261		1,43,750	1,58,970	– Do.
1939-40 ...	13,97,61,676	Do.	1,34,47,825	12 74,008	2,38,219	13,78,340		...	...	Do.
1940-41	14,14,61.189	Do.	1,38,54,785	13,59,332	2,33,806	14,24,031		...	..	Do.
1941-42	14,27,65;826	Do.	1,39,20,308	14,70,207	2,33,096	18,48,316		...	..	Do.
1942-43	14,63,63,848	Do.	1,47,94,959	18,14,308	2,32,983	14,82,649		...	...	Do.
1943-44 ...	15,93,54,514	Do.	1,53,51,010	16,46,989	2 57,465	16,17,662		...	...	Do.
1944-45	16,00,98,370	Do.	1,59,44,469	17,58,787	2,62,101	19,40,054	...	...	...	Do.

*Abolished with effect from 1-4-1934.
†As per S. C. R. No. 646, dated the 3rd October 1935.

J. K. DARUVALA,
Chief Accountant.

Appendix

Expenditure of the Bombay Municipality

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1932-33 ...	3,85,083	4,66,482	3,02,499	55,88,550	31,25,898	62,292	8,16,812	32,45,592	17,13,017	1,33,53,226
1933-34 ...	3,77,708	4,58,593	2,69,016	53,90,313	29,83,376	61,293	9,48,829	32,30,720	16,56,005	1,32,22,310
1934-35 ...	3,12,069	4,53,999	2,94,402	50,68,619	29,08,983	62,330	9,85,621	32,02,997	16,48,684	1,25,93,943
1935-36 ...	4,57,88	6,21,859	3,31,127	51,72,046	28,31,750	75,535	10,01,238	32,11,219	16,85,887	1,21,43 455
1936-37 ...	4,73,635	6,35,879	3,56,413	53,03,448	28,66,924	76,752	10,58,470	33,86,264	17,96,734	1,19,45.222
1937-38 ...	4,71,811	6,28,592	4,16,289	58,01,823	29,68,240	73,772	9,34,532	35,06,561	19,15,745	1,20,46,808
1938-39 ...	5,23,131	6,58,051	3,40,593	59,84,010	29,85,995	74,450	11,70,589	36,44,231	19,51,873	1,21,88,098
1939-40 ...	5,03,569	6,71,512	3,45,411	61,16,547	31,69 113	75,741	12,08,364	38,33,790	20,72,534	1,23,36,073
1940-41 ...	5,17,249	7,50,916	3,36,242	63,91,043	32,92,424	73,870	12,47,477	41,76,076	21,11,929	1,24,94,113
1941-42 ...	5,11,192	7,62,592	3,39,989	62,17,370	31,75,222	75,905	12,73,507	41,55,226	19,34,992	1,26,83,919
1942-43 ...	5.29,154	7,71,691	3,30,152	60,10,818	32,21,516	76,290	12,74,070	42,41,771	20,62,631	1,25,66,415
1943-44 ...	5,61,389	7,84,471	3,39,551	63,23,562	35,01,906	76.435	13,19,918	47,57,820	23,58,896	1,24,57,713
1944-45 ...	5,79,837	7,88,907	3,47,768	69,55,431	35,55,521	8,30,96	13,58,305	53,85,510	24,14,403	1,24,88,638

J. K. DARUVALA,
Chief Accountant.

No. 18.

1932-33 to close of the Financial year 1944-45.

Contribution from Insurance Companies or Fire Tax.	Total Taxation Proper.	SERVICES RENDERED. Halalkhore Tax.	Water Tax.	Total services rendered.	MISCELLANEOUS. Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of Taxation per head of population.	Five years' average annual income.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
5,48,757	1,62,83,794	30,78,239	63,86,907	94,65,146	42,53,441	3,00,02,381	1932-33	1,161,383	22 2 9	3,15,57,228
5,56,824	1,67,16,181	30,88,965	62,98,417	93,87,382	53,12,408	3,14,15,971	1933-34		22 7 7	
5,58,891	1,71,50,342	31,48,555	63,27,589	94,76,144	53,06,620	3,19,33,106	1934-35		22 14 10	
5,37,641	1,66,72,020	30,08,828	67,05,265	97,14,093	59,90,340	3,23,76,453	1935-36		22 11 6	
5,68,933	1,64,39,414	32,10,543	70,15,634	1,02,26,177	53,92,638	3,20,58,229	1936-37		22 15 4	
5,72,309	1,66,35,885	33,39,105	75,14,123	1,68,53,228	55,27,305	3,30,16,418	1937-38		23 10 8	3,49,67,552
6,18,808	1,76,59,688	36,26,492	77,83,976	1,14,10,468	56,97,119	3,47,67,275	1938-39		25 0 6	
6,12,659	1,69,51,051	36,93,912	80,70,695	1,17,64,607	59,40,443	3,46,56,101	1939-40		24 11 7	
6,46,399	1,75,18,353	37,82,518	82 25 310	1,20,07,828	61,05,584	3,56,31,765	1940-41	1,489,883	19 13 2	
6,33,068	1,81,04,995	37,55,679	86,29,'48	1,23,84,727	62,76,481	3,67,66,203	1941-42		20 7 5	
6,67,934	1,89,92,833	38,74,536	91,31,751	1,30,06,287	69,02,821	3,89,01,941	1942-43		21 7 8	
6,97,400	1,95,45,526	41,21,425	1,00,15,685	1,41,37,110	67,40 897	4,03,98,533	1943-44		27 1 10	
7,24,083	2,06,29,494	43,02,628	1,10,25,653	1,53,28,281	70,19,841	4,29,77,616	1944-45		28 13 6	

U. M. MIRCHANDANI,
Municipal Commissioner.

No 19

from the year 1932-33 *to the close of the financial year* 1944-45.

Contribution to the Bombay Improvement Trust	Public Gardens.	Measures for Civil Defence.	Grain Compensation.	Plague Expenses.	Slum Service.	Miscellaneous.	Total.	Year.	Five years average annual expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
23,52,242	1,57,884			65,982		5,33,558	3,21,69,117	1932-33	3,19,13,361
(a) 32,84,740	1,57,141			67,759		4,43,796	3,25,51,599	1933-34	
33,39,680	1,45,748			69,968		5,32,016	3,16,19,059	1934-35	
33,42,690	1,34,179			69,060		2,15,609	3,12,97,539	1935-36	
32,22,391	1,35,584			64,436	4,14,500	1,92,837	3,19,29,489	1936-37	
34,40,225	1,35,807			71,497		3,36,482	3,27,48,184	1937-38	3,45,63,300
34,29,454	1,56,149			73,545		3,04,181	3,34,84,350	1938-39	
37,11,006	1,76,458		57,522	89,031		3,77,367	3,47,44,038	1939-40	
35,73,077	1,78,329		2,98,560	73,624		4,03,477	3,59,18,406	1940-41	
36,88,945	1,65,322		3,08,010	74,621		5,54,709	3,59,21,521	1941-42	
(b) 24,69,485	1,67,090	11,55,548	9,72,830	62,514		5,53,473	3,64,65,448	1942 43	
(b) 26,26,997	1,95,468	3,81,622	24,45,180	99,097		8,66,424	3,90,96,449	1943-44	
27,26,785	2,33,365	69,936	34 60,430	94,086		7 53 269	4,17,95,287	1944-45	

(a) Includes Rs. 10,94,913 on account of increased contribution payable towards Improvement Schemes due to the amalgamation of the City Improvement Trust with the Municipality with effect from 1-10-1938 under Bombay Act XIII of 1933.

b) The contribution is reduced by Bombay Act No. XVI of 1942.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 20.

Contrasted Statement of Income and Expenditure of the Bombay Municipality from 1932-33 to 1944-45.

Year.	Income.	Expenditure.	Difference	
			Surplus.	Deficit.
	Rs.	Rs.	Rs.	Rs.
1932-1933 ...	3,00,02,381	3,21,69,117	...	21,66,736
1933-1934 ...	3,14,15,971	3,25,51,599	...	11,35,628
1934-1935 ...	3,19,33,106	3,16,19,059	3,14,047	...
1935-1936 ...	3,23,76,453	3,12,97,539	10,78,914	...
1936-1937 ...	3,20,58,229	3,19,29,489	1,28,740	...
1937-1938 ...	3,30,16,418	3,27,48,184	2,68,234	...
1938-1939 ...	3,47,67,275	3,34,84,350	12,82,925	...
1939-1940 ...	3,46,56,101	3,47,44,038	...	87,937
1940-1941 ...	3,56,31,765	3,59,18,406	...	2,86,641
1941-1942 ...	3,67,66,203	3,59,21,521	8,44,682	...
1942-1943 ...	3,89,01,941	3,64,65,448	24,36,493	...
1943-1944 ...	4,03,98,533	3,90,96,449	13,02,084	...
1944-1945 ...	4,29,77,616	4,12,95,287	16,82,329	...

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 21.
IMPROVEMENT SCHEMES.
General Financial Statistics.

Particulars.	1940-41.	1941-42.	1942-43.	1943-44.	1944-45.
GENERAL ACCOUNT.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts.					
1. Land Revenue ...	52,53,255	52,26,917	54,12,392	54,75,447	60,05,405
2. Municipal contribution ...	35,73,077	36,88,945	24,69,485	26,26,997	27,26,784
3. Tobacco Duty ...	5,38,622	10,00,000	4,13,223	10,00,000	10,00,000
4. Miscellaneous ...	4,42,445	4,38,886	4,32,783	4,42,874	4,68,302
	98,07,399	1,03,54,748	87,27,883	95,45,318	1,02,00,491
Expenditure.					
5. Maintenance of Properties and Streets ...	21,67,231	17,73,303	17,57,705	18,46,284	21,39,214
6. Debt Charges ...	80,27,387	79,94,668	79,62,380	79,48,337	78,13,440
7. Repayment of excess amount received on account of Contribution from Municipal Corporation ...	...	...	6,27,745	...	...
	1,01,94,618	97,67,971	1,03,47,830	97,94,621	99,52,654
8. Surplus (+) or Deficits (—) ...	—3,87,219	+5,86,777	—16,19,947	—2,49,303	+2,47,837
Loans.					
9. Debt outstanding ...	16,37,54,180	16,32,79,467	16,17,88,592	16,12,80,506	15,83,65,640
10. Redemption and Sinking Funds in hand or invested ...	2,75,04,853	2,93,47,180	3,10,38,866	3,30,19,732	3,48,65,804
11. Net Loan Debt ...	13,62,49,327	13,39,32,287	13,07,49,726	12,82,60,774	12,34,99,836

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 22.
IMPROVEMENT SCHEMES.
General Account for the year ending 31st March 1945.

Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
To Revenue expenditure as per Appendix No. 24 ...	99,52,654	By Revenue Receipts as per Appendix No. 23 ...	1,02,00,491
Balance being surplus for the year (transferred to Capital Account Balance Sheet—Appendix No. 25)	2,47,837		
Total ...	1,02,00,491	Total ...	1,02,00,491

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 23.
IMPROVEMENT SCHEMES.
General Account.
INCOME.
Statement showing the Net Receipts during the Financial year 1944-45 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1944-45.	Revised Estimate for 1944-45.	Actuals for 1944-45.	Actuals for 1943-44.	Compared with the Original Estimate	
					More.	*Less*
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Rents and other Proceeds of Properties—						
(1) Lands comprised in Schedule W ...	4,51,582	4,92,090	5,05,941	3,81,255	54,359	...
(2) Do. do. X ...	1,25,962	1,24,245	1,28,035	1,37,038	2,073	...
(3) Do. do. Y ...	1,07,939	1,08,141	1,09,617	1,08,975	1,678	...
(4) Do. do. Z ...	204	204	204	204	...	...
(5) Other Lands and Buildings ...	48,24,876	50,95,173	52,61,608	48,47,975	4,36,732	...
	55,10,563	58,19,853	60,05,405	54,75,447	4,94,842	...
II.—Contribution from the Municipal Corporation under Section 125(2)(*d*) of the Municipal Act ...	26,19,000	27,26,784	27,26,784	26,26,997	1,07,784	...
III.—Receipts on account of Tobacco Duty ...	10,00,000	10,00,000	10,00,000	10,00,000	...	...
IV.—Interest and Profit on Investments ...	3,75,000	3,85,000	4,40,329	4,02,470	65,329	...
V.—Miscellaneous Receipts ...	35,800	31,300	27,973	40,404	...	7,827
Total Income ...	95,40,363	99,62,937	1,02,00,491	95,45,318	6,67,955	7,827

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 24.

IMPROVEMENT SCHEMES

GENERAL ACCOUNT.

EXPENDITURE.

Statement showing the Actuals as compared with the Final Sanctioned Grants for 1944-45.

Particulars.	Final grants sanctioned for expenditure during 1944-45.	Actuals for 1944-45.	FINAL GRANTS COMPARED WITH THE ACTUALS		Actuals for 1943-44.
			Amount required to be renewed in 1945-46.	Savings.	
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
A.—Maintenance of Properties and Streets.					
(*a*) Maintenance of Properties—					
I—Lands comprised in Schedule W ...	1,08,795	97,479	440	10,876	74,124
II— Do. do. X ...	30,284	24,611	103	5,570	25,862
III— Do. do. Y ...	23,913	19,405	...	4,508	18,939
IV— Do. do. Z ...	44	36	...	8	35
V—Other Lands and Buildings—					
(1) Schemes ...	12,39,960	10,90,601	42,862	1,06,497	8,79,399
(2) Chawls Permanent ...	8,88,563	6,41,546	1,26,308	1,20,7[illegible]0	5,88,240
(3) S. P. Sheds ...	1,67,372	1,03,298	26,273	37,800	1,07,700
(*b*) Maintenance of Streets ...	3,19,695	1,37,620	1,43,353	38,712	1,26,812
(*c*) Preliminary expenses in connection with the Improvement of Slum areas ...	27,279	23,820	300	3,159	23,457
(*d*) Measures for Civil Defence ...	800	798	...	2	1,716
Total A.	28,06,695	†21,39,214	3,39,6[illegible]9 *32,978	3,27,842 −32,978	18,46,284
B.—Cost of Management and Establishment.					
(*a*) Corporation and Standing Committee ...	10,968	8,686	1,821	461	11,044
(*b*) Deputy Municipal Commissioner's Office Establishment ...	32,222	32,012	125	85	33,418
(*c*) Audit and Accounts Establishment ...	35,694	32,312	10	3,372	34,114
(*d*) Estates and Land Management Department ...	4,07,121	3,58,542	25,281	23,298	3,66,624
(*e*) City Engineer's Department ...	1,56,345	1,36,894	794	18,657	1,41,326
(*f*) General Stores ...	3,600	3,238	...	362	4,030
(*g*) Incidental Expenses ...	1,16,280	1,08,158	790	7,332	1,03,256
(*h*) Dearness Allowance (Grain Compensation) ...	3,03,210	2,99,285	3,920	5	2,02,578
Total B.	10,65,440	9,79,127	32,741	53,572	8,96,390
C.—Proportionate charge on account of Municipal Supervision ...	1,16,494	89,414	4,746	22,334	87,449
Total B and C	11,81,934	10,68,541	37,487	75,906	9,83,839
Deduct—					
Charged to Capital Account ...	1,85,951	1,25,012	4,509	57,430	1,44,353
Charged to General Account ...	9,94,983	9,43,529	32,978	18,476	8,39,486
D.—Debt Charges.	...	...	...	...	...
I.—Interest on Loans ...	68,55,709	67,12,846	1,36,939	5,924	68,59,792
II.—Appropriation for reduction or avoidance of Debt ...	11,00,594	11,00,594	...	...	10,88,545
Total D.	79,55,303	78,13,440	1,36,939	5,924	79,48,337
Grand Total ...	1,07,62,998	99,52,654	5,09,556	3,00,788	97,94,621

* Rs. 32,978 represent expenditure on account of cost of Management and Establishment including Municipal Supervision to be allocated at the end of the year.

† This includes Rs. 9,43,529 being the share of cost of Management and Establishment chargeable to General Account.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner

Appendix No. 25.

IMPROVEMENT SCHEMES.

Balance Sheet—(Capital Account) as at 31st March 1945.

LIABILITIES		Rs.
LOANS OUTSTANDING—		
(*Vide* details as shown in Appendix No. 29) ...		15,83,65,640
Book value of lands comprised in Schedules "W" and "X" ...		47,58,490
SURPLUS—		
Extraordinary receipts—		
Transfer of Sinking Fund Accumulations in respect of Rs. 370 lakhs loan	25,07,830	
Special grants from the Government of India	54,00,000	
Premia on loan raised in 1935-36	30,000	
Sale proceeds of Lands and Buildings—	Rs.	
Sale proceeds up to 31st March 1944 ...	4,69,09,625	
Sale proceeds during 1944-45 ...	36,11,637	
	5,05,21,262	
Sinking Fund on Loans	3,48,65,804	
Loans Redemption Fund	55,88,349	
	4,04,54,153	
	9,89,13,245	
Deduct—		
Revenue Deficits—		
Deficits upto 31st March 1944 ...	1,95,59,522	
Less surplus during 1944-45 ...	2,47,837	
	1,93,11,685	7,96,01,560
Total Rs. ...		24,27,25,690

ASSETS	Face Value	Rate %	Actual cost	Rs.
BLOCK ACCOUNT—				
Property and Assets at original cost as per Appendix No. 26 ...				19,00,41,086
Book value of lands comprised in Schedules "W" and "X" as per Appendix No. 27 (Section 91A of the Municipal Act) ...				47,58,490
SINKING FUND—				
As per Appendix No. 28				
In Securities and Cash ...				* 3,48,65,804
CAPITAL FUNDS—				
In Securities :—				
4½ per cent. Bombay Improvement Trust Debentures ...	17,00,000	Par	17,00,000	
3 per cent. Bombay Municipal Debentures ...	4,69,800	,,	4,69,800	
3½ per cent. Bombay Municipal Debentures ...	3,400	,,	3,400	
6 per cent. Bombay Improvement Trust Debentures...	39,32,600	,,	39,32,600	
	61,05,800		61,05,800	
In Cash and fixed deposits ...			69,54,510	
				† 1,30,60,310
Total Rs. ...				24,27,25,690

* For Face, Book and Market Values of Securities held in the Sinking Funds on 31st March 1945, please see Appendix No. 30.

† Against this, there is a liability to the extent of Rs. 5,09,556 on account of outstanding charges for 1944-45 and previous years payable in the year 1945-46 and Rs. 1,10,000 in respect of outstanding Debentures of the loan of Rs. 25 lakhs (1929).

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 26.

IMPROVEMENT SCHEMES.

Block Account showing details of Capital Expenditure upto 31st March 1945.

Particulars.	Total Capital Expenditure upto 31st March 1944.	Expenditure during 1944-45.	Total Capital Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT.			
Improvement and Street Schemes—			
Schedule W Lands ...	13,26,856	15,440	13,42,296
Schedule X Lands ...	16,26,471	...	16,26,471
Schedule Z Lands ...	8	...	8
Scheme No.			
1 First Nagpada ...	29,16,099	...	29,16,099
2 Princess Street ...	85,08,865	...	85,08,865
3 Sandhurst Road ...	1,13,79,105	...	1,13,79,105
4 Gamdevi ...	22,88,002	...	22,88,002
5 Dadar-Matunga ...	99,60,245	3,318	99,63,563
6 Sion-Matunga ...	1,05,35,120	1,62,193	1,06,97,313
7 Colaba Reclamation ...	4,78,538	...	4,78,538
8 Mandvi-Koliwada ...	26,52,501	...	26,52,501
13 Souter Street Extension—East-wards ...	68,102	...	68,102
27 Mathew Road ...	14,11,129	...	14,11,129
29 Nowroji Hill ...	85,31,960	1,058	85,33,018
30 Souter Street Extension—West-wards ...	1,30,512	...	1,30,512
31 Parel ...	91,01,107	3,544	91,04,651
32 East Agripada ...	50,57,935	...	50,57,935
33 Bhatwadi ...	3,28,433	...	3,28,433
36 Lamington Road ...	2,91,191	...	2,91,191
37 Sydenham Road ...	1,40,31,110	1,875	1,40,32,985
41 Undria Street ...	5,72,800	...	5,72,800
43 Parel Road Central ...	38,97,348	...	38,97,348
47 Parel Road Northern ...	52,96,385	140	52,96,525
49 Nepean Sea Road—Reclamation ...	3,053	...	3,053
50 Mazagaon Street ...	32,47,701	...	32,47,701
52 Worli Street ...	2,33,00,461	26,069	2,33,26,530
53 Foras Road ...	36,82,009	...	36,82,009
54 Kolbhatwadi ...	21,79,254	...	21,79,254
56 Dharavi Street ...	75,00,798	1,318	75,02,116
57 Sewri-Wadala ...	1,95,88,896	1,29,985	1,97,18,881
58 Worli-Extension ...	43,17,156	9,370	43,26,526
59 Sewri-Koliwada ...	5,50,563	...	5,50,563
60 Naigaum Street ...	75,37,635	20,232	75,57,867
61 Fergusson Road ...	15,68,030	...	15,68,030
62 Love Lane ...	16,18,731	...	16,18,731
66 Mahaluxmi ...	4,86,705	...	4,86,705
69 Widening of Byculla Bridge...	7,20,290	...	7,20,290
71 Chaupati Street ...	24,085	...	24,085
Chaupati Reclamation ...	1,889	...	1,889
East Chaupati Estate ...	4,380	...	4,380
72 Tripartite Road ...	1,62,739	48,824	2,11,563
73 Palton Road ...	2,62,344	...	2,62,344
74 Sion Overbridge ...	5,590	...	5,590
Lump Provision for Acquisition ...	6,136	...	6,136
Lump Provision for Housing Accommodation to the Poorer Classes ...	133	...	133
Carried forward ...	17,71,58,400	4,23,366	17,75,81,766

Particulars.	Total Capital Expenditure upto 31st March 1944.	Expenditure during 1944-45.	Total Capital Expenditure upto 31st March 1945.
	Rs.	Rs.	Rs.
Brought over ...	17,71,58,400	4,23,366	17,75,81[illegible]
Police Accommodation Schemes.			
Scheme No.			
14 First Nagpada ...	84,450	...	84,4[illegible]
16 Wodehouse Road ...	3,22,667	...	3,22,6[illegible]
17 Duncan Road ...	58,981	...	58,9[illegible]
18 Shepherd Road ...	36,223	...	36,2[illegible]
19 Agripada ...	1,79,120	...	1,79,[illegible]
23 Connaught Road ...	79,495	...	79,4[illegible]
24 Princess Street ...	2,65,953	...	2,65,9[illegible]
25 Gamdevi ...	1,29,407	...	1,29,4[illegible]
34 Lamington Road ...	4,61,024	...	4,61,0[illegible]
35 Sandhurst Road West ...	1,46,104	...	1,46,[illegible]
39 Sandhurst Road East ...	7,58,893	...	7,58,8[illegible]
40 Byculla ...	8,28,411	...	8,28,4[illegible]
44 Maharbaudi ...	2,71,434	...	2,71,4[illegible]
45 Palton Road ...	5,71,492	...	5,71,4[illegible]
46 Naigaum ...	5,69,142	...	5,69,[illegible]
48 Mahim ...	4,53,032	...	4,53,0[illegible]
55 Chinchbunder Road ...	4,32,656	...	4,32,6[illegible]
55A Mazagaon ...	4,53,560	...	4,53,5[illegible]
63 King's Circle (Matunga) ...	4,82,185	...	4,82,1[illegible]
67 Naigaum (for Armed Police and Recruits) ...	24,42,031	...	24,42,0[illegible]
70 Arthur Road ...	1,58,357	...	1,58,3[illegible]
	91,84,617	...	91,84,6[illegible]
Mill Company's Chawl Schemes.			
Scheme No.			
42 Spring Mills ...	5,18,990	...	5,18,9[illegible]
51 Century Mills ...	1,29,980	...	1,29,9[illegible]
65 David Mills ...	2,96,852	—	2,96,8[illegible]
	9,45,822	...	9,45,8[illegible]
Miscellaneous.			
Survey of the Island of Bombay...	1,06,046	...	1,06,0[illegible]
Administrative Offices, etc.—			
Building on Esplanade Road near Queen's Statue ...	3,21,562	...	3,21,56[illegible]
Engineer's Office at Matunga ...	1,38,468	...	1,38,4[illegible]
Central Stores at the back of Frere Fletcher School ...	15,656	...	15,65[illegible]
Store yard at Agripada, etc. ...	83,801	...	83,80[illegible]
Workshop for Motor Lorries at Agripada ...	90,368	...	90,36[illegible]
Tools and Plant ...	559	...	55[illegible]
Refund of preliminary expenses to Government ...	38,019	...	38,01[illegible]
Preliminary expenses in connection with the Improvement of slum areas ...	68,816	...	68,81[illegible]
	8,63,295	...	8,63,29[illegible]
Discount on Loans ...	14,53,359	...	14,53,35[illegible]
Expenses in connection with the Loan of Rs. 10 lakhs ...	12,227	...	12,22[illegible]
	14,65,586	...	14,65,58[illegible]
Grand Total ...	18,96,17,720	* 4,23,366	19,00,41,08[illegible]

* This figure includes Rs. 1,25,012 being the share of cost of Manageme[illegible] and Establishment chargeable to Capital Account.

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 27.

IMPROVEMENT SCHEMES.

Statement showing Capital value of Scheduled Lands as specified in the Schedules W, X, Y and Z annexed to Act XIII of 1933.

Properties.	Area.	Book value.	Total amount.
SCHEDULE "W".	Sq. yds.	Rs.	Rs.
The Flats ...	12,52,834	1,14,191	
The Kennedy Sea Face ...	4,447	...	
(*Cooperage Plot resumed by Government*)			
The Marine Lines Estate ...	32,825	3,28,250	
(*Marine Lines Maidan resumed by Government*).			
The Wellington Lines Plot ...	44,038	4,40,380	
The Wodehouse Road Plot ...	41,580	4,15,800	
The Hornby Road Plot ...	41,774	8,35,480	
The Triangular Plot South of Crawford Market ...	7,707	1,54,140	
The Plot North of Municipal Offices ...	6,811	2,04,330	
The Chaupati West Estate ...	1,11,276	6,37,320	
The Chaupati East Estate ...	4,789	47,890	
The Parel Estate ...	30,804	99,000	
			32,76,781
SCHEDULE "X".			
The Connaught Road Estate ...	13,858	77,237	
The West Agripada Estate ...	2,27,971	6,64,534	
The Central Agripada Estate ...	2,911	10,528	
The East Agripada Estate ...	65,885	6,38,426	
The Lands at Matunga	86,187	90,984	
			14,81,709
SCHEDULE "Y".			
The Nepean Sea Road Plot ...	2,014		...
The Colaba Reclamation ...	46,580		...
SCHEDULE "Z".			
The Hornby Road Plot ...	3,250		......
			47,58,490

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 28.

IMPROVEMENT SCHEMES.

Sinking Fund.

Statement showing the actual Investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1945 compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1945.

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Half Yearly Sinking Fund Instalment.	Amount of Sinking Fund which should have accumulated upto 31st March 1945 at Compound Interest.
1	2	3	4	5	6
4½ per cent. basis.	Rs.			Rs.	Rs.
5 *per cent.* Debenture Loan ...	40,00,000	10th November 1919	... 1st November 1957 ... / 1st November 1979 ...	6,696	6,07,7[illegible]
6 Do. do. ... (*a*)	70,00,000	30th April 1920	... 1st April 1935 ... / 1st April 1980 ...	21,002	*6,53,5[illegible]
4½ Do. do. ...	45,00,000	20th February 1922	... 20th February 1982 ...	7,533	5,96,5[illegible]
4½ Do. do. ...	52,00,000	2nd October 1922	... 2nd October 1982 ...	8,705	6,42,9[illegible]
4½ Do. do. ...	8,00,000	22nd January 1923	... 22nd January 1983 ...	1,340	98,9[illegible]
4½ Do. do. ...	82,00,000	Do.	... Do. ...	13,727	10,13,8[illegible]
4½ Do. do. ...	30,00,000	14th March 1923	... 14th March 1983 ...	5,022	3,70,9[illegible]
4½ Do. do. ...	40,00,000	2nd November 1923	... 2nd November 1983 ...	6,696	4,60,0[illegible]
4½ Do. do. ...	20,00,000	2nd January 1924	... 2nd January 1984 ...	3,348	2,30,0[illegible]
4½ Do. do. ...	29,00,000	5th March 1924	... 5th March 1984 ...	4,855	3,33,5[illegible]
4½ Do. do. ...	20,00,000	1st November 1924	... 1st November 1984 ...	3,348	2,13,5[illegible]
4½ Do. do. ...	60,00,000	10th November 1924	... 10th November 1984 ...	10,044	6,40,6[illegible]
4½ Do. do.	20,00,000	2nd January 1925	... 2nd January 1985 ...	3,348	2,13,5[illegible]
4½ Do. do. ...	20,00,000	2nd October 1925	... 2nd October 1985 ...	3,348	1,97,[illegible]
4½ Do. do. ...	15,00,000	2nd November 1925	... 2nd November 1985 ...	2,511	1,48,3[illegible]
...	35,00,000	2nd January 1926	... 2nd January 1986 ...	5,859	3,46,111
Rs.	5,86,00,000				67,68,70[illegible]
4 per cent. basis.					
4 *per cent.* Rupee Coupon Debenture Loan	50,00,000	1st November 1899	... 1st November 1959 ...	10,564 (*b*)	25,84,8[illegible]
4 Do. Debenture Loan ...	30,00,000	6th September 1901	... 6th September 1961 ...	6,280	*14,10,0[illegible]
4 Do. do. ...	30,00,000	15th July 1902	... 15th July 1962 ...	6,280	*13,43,0[illegible]
4 Do. do. ...	60,00,000	20th August 1903	... 20th August 1963 ...	12,560	*25,57,46[illegible]
4 Do. do. ...	50,00,000	7th September 1904	... 7th September 1964 ...	10,493 (*c*)	*20,27,44[illegible]
4 Do. do. ...	30,00,000	12th September 1905	... 12th September 1965 ...	6,280	*11,57,46[illegible]
5 Do. do. ...	25,00,000	17th September 1926	... 16th September 1956 ... / 16th September 1986 ...	5,233	*2,72,08[illegible]
Rs.	2,75,00,000				1,13,52,3[illegible]
3½ per cent. basis.					
4 *per cent.* Debenture Loan Rs.	25,00,000	4th October 1927	... 4th April 1961 ... / 4th October 1970 ...	12,695	5,83,04[illegible]
3 per cent. basis.					
4 *per cent.* Debenture Loan ...	20,00,000	2nd October 1906	... 2nd October 1966 ...	6,148 *d*)	*8,60,553
4 Do. do. ...	15,00,000	24th September 1907	24th September 1967 ...	4,610	*6,17,567
4 Do. do. ...	30,00,000	8th September 1908	... 8th September 1968 ...	9,219	*11,[illegible]0,748
4 *per cent.* Sterling Coupon Debenture Loan (£5,66,600) ...	84,99,000	1st July 1909	... 1st July 1969 ...	25,654	32,11,864
4 Do. do. (£3,33,000) ...	49,95,000	1st July 1910	... 1st July 1970 ...	15,077	18,02,762
4 *per cent.* Debenture Loan ...	25,00,000	28th August 1912	... 28th August 1972 ...	7,683	*8,16,010
4 Do. do. ...	18,00,000	26th August 1913	... 26th August 1973 ...	5,532	*5,59,493
4 Do. do. ...	50,00,000	4th August 1914	... 4th August 1974 ...	15,365	*14,78,341
4 Do. do. ...	25,00,000	3rd January 1916	... 3rd January 1976 ...	7,683	7,02,503
3½ Do. do. ...	10,00,000	31st January 1936	... 14th March 1966 ...	21,019 (*e*)	2,13,848
Rs.	3,27,94,000				1,14,43,684
Grand Total Rs. ...	12,13,94,000			Total Rs.	†3,01,47,811

1	Amount actually invested upto 31st March 1945. Amount of Sinking Fund invested upto 31st March 1944.	Sinking Fund Instalments paid in 1944-45	Interest, etc. accumulations invested in 1944-45	Total.	Amount of interest accrued upto 31st March 1945 collected and invested in 1945-46	Total of Columns 5 and 6.
	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds ...	3,30,19,732 4 2	5,75,728 0 0	14,76,049 0 0	3,50,71,509 4 2		
Less-withdrawn for repayment of Loans				2,05,705 0 0		
				3,48,65,804 4 2		
In Public Securities as detailed in Appendix No. 30 ...				3,48,65,631 12 0		
In Cash with the Imperial Bank of India.				172 8 2		
Total Rs. ...				3,48,65,804 4 2	1,28,120 14 11	3,49,93,925 3 [illegible]

(*a*) Out of Rs. 70 lakhs Loan Debentures for Rs. 4 lakhs held by the public were repaid on 1-4-35 under the option reserved to the Corporation, leaving balance of Rs. 66 lakhs. The amount of half-yearly Sinking Fund instalment has been changed with effect from 1-4-35 from Rs. 12,002 to Rs. 21,002 as under:—

The usual half-yearly S.F. instalment	... Rs.	12,002
Half yearly interest at 4½% on the portion of Rs. 4 lakhs repaid out of S.F. accumulations	... „	9,000
	Rs.	21,002

(*b*) 16 instalments of Rs. 10,240 each and the rest at Rs. 10,564.
(*c*) 5 instalments of Rs. 10,240 each and the rest at Rs. 10,493.
(*d*) 1 instalment of Rs 6,037 and the rest at Rs. 6,148.
(*e*) This amount to be invested annually.
* Calculations have been based on one instalment less.
† All Sinking fund Instalments are re-arranged with effect from 1943-44.

J K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

Statement showing outstanding Loans of the Bombay Improvement Trust due by the payable for the year 1944-45, the amount paid during the year and the

No. 1	Particulars of Loans. 2	Amount raised. 3	Balance due on 1st April 1944. 4	Rate of Interest 5	Amount raised in 1944-45. 6	Total. 7
		Rs. a.	Rs. a. p.		Rs. a.	Rs. a. p.
	Loans raised from Government.					
1	Consolidation Loan in respect of Conversion Loan 1935-36, Rs. 35 lakhs Loan, and Rs. 8 lakhs Loan ...	4,17,94,178 1	3,77,86,506 5 0	3.3759 per cent.		3,77,86,506 5 0
			18,24,888 0 0	4½ Do.		18,24,888 0 0
2	45 lakhs Loan 1922 ...	45,00,000 0	26,75,112 0 0	4½ Do.		26,75,112 0 0
3	52 lakhs Loan October 1922 ...	52,00,000 0	69,75,112 0 0	5½ Do.		69,75,112 0 0
4	8 lakhs Loan 22nd January 1923 ...	8,00,000 0	1,02,24,888 0 0	4½ Do.		1,02,24,888 0 0
5	82 lakhs Loan 22nd January 1923 ...	82,00,000 0				
6	30 lakhs Loan 14th March 1923 ...	30,00,000 0				
7	40 lakhs Loan 2nd November 1923 ...	40,00,000 0	37,00,000 0 0	5½ Do.		37,00,000 0 0
8	20 lakhs Loan 2nd January 1924 ...	20,00,000 0	52,00,000 0 0	4½ Do.		52,00,000 0 0
9	29 lakhs Loan 5th March 1924 ...	29,00,000 0				
10	20 lakhs Loan 1st November 1924 ...	20,00,000 0	53,00,000 0 0	5 Do.		53,00,000 0 0
11	60 lakhs Loan 10th November 1924 ...	60,00,000 0	47,00,000 0 0	4½ Do.		47,00,000 0 0
12	20 lakhs Loan 2nd January 1925 ...	20,00,000 0				
13	20 lakhs Loan 2nd October 1925 ...	20,00,000 0	53,00,000 0 0	5½ Do.		53,00,000 0 0
14	15 lakhs Loan 2nd November 1925 ...	15,00,000 0	17,00,000 0 0	4½ Do		17,00,000 0 0
15	35 lakhs Loan 2nd January 1925 ...	35,00,000 0				
	Total loans raised from Government ...	8,93,94,178 1	8,53,86,506 5 0			8,53,86,506 5 0
	Loans raised from the public.					
1	50 lakhs Rupee Coupon Debenture Loan 1899 ...	50,00,000 0	50,00,000 0 0	4 per cent		50,00,000 0 0
2	30 lakhs Loan 1901 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
3	30 lakhs Loan 1902 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
4	60 lakhs Loan 1903 ...	60,00,000 0	60,00,000 0 0	4 Do.		60,00,000 0 0
5	50 lakhs Loan 1904 ...	50,00,000 0	50,00,000 0 0	4 Do.		50,00,000 0 0
6	30 lakhs Loan 1905 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
7	20 lakhs Loan 1906 ...	20,00,000 0	20,00,000 0 0	4 Do.		20,00,000 0 0
8	15 lakhs Loan 1907 ...	15,00,000 0	15,00,000 0 0	4 Do.		15,00,000 0 0
9	30 lakhs Loan 1908 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
10	Sterling Coupon Debenture Loan 1909 (£ 5,66,600) ...	84,99,000 0	84,99,000 0 0	4 Do.		84,99,000 0 0
11	Sterling Coupon Debenture Loan 1910 (£ 3,33,000) ...	49,95,000 0	49,95,000 0 0	4 Do.		49,95,000 0 0
12	25 lakhs Loan 1912 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
13	18 lakhs Loan 1913 ...	18,00,000 0	18,00,000 0 0	4 Do.		18,00,000 0 0
14	50 lakhs Loan 1914 ...	50,00,000 0	50,00,000 0 0	4 Do.		50,00,000 0 0
15	25 lakhs Loan 1916 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
16	40 lakhs Loan 1919 ...	40,00,000 0	40,00,000 0 0	5 Do.		40,00,000 0 0
17	70 lakhs Loan 1920 ...	70,00,000 0	66,00,000 0 0	6 Do.		66,00,000 0 0
18	25 lakhs Loan 1926 ...	25,00,000 0	25,00,000 0 0	5 Do.		25,00,000 0 0
19	25 lakhs Loan 1927 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
20	25 lakhs Loan 1929 ...	25,00,000 0	25,00,000 0 0	5½ Do.		25,00,000 0 0
21	10 lakhs Loan 1935 ...	10,00,000 0	10,00,000 0 0	3½ Do.		10,00,000 0 0
	Total Loans raised from the Public ...	7,62,94,000 0	7,58,94,000 0 0			7,58,94,000 0 0
	Grand Total ...	16,56,88,178 1	16,12,80,506 5 0			16,12,80,506 5 0

J. K. DARUVALA,
Chief Accountant.

No. 29.

SCHEMES.

Municipality, the interest outstanding on 1st April 1944, on the different Loans, the amount balances outstanding on 31st March 1945.

Amount repaid in 1944-45. 8	Balance due on 31st March 1945. 9	Interest outstanding on 1st April 1944. 10	Interest payable in 1944-45. 11	Total interest due. 12	Deduct interest paid during the year. 13	Outstanding balance on 31st March 1945. 14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,24,866 0 0	3,72,61,640 5 0	...	12,71,242 0 0	12,71,242 0 0	12,71,242 0 0	...
...	16,58,989 0 0	(a) ...	86,682 3 0	86,682 3 0	86.682 3 0	...
...	28,41,011 0 0	(a) ...	1,20,380 13 0	1,20,380 13 0	1,20,380 1 0	*0 12 0
...	63,41,011 0 0	(b) ...	3,83,631 3 0	3,83,631 3 0	3,83,631 3 0	...
...	1,08,58,989 0 0	(b) ...	4,60,120 13 0	4,60,120 13 0	4,60,119 15 0	*0 14 0
...	34,00,000 0 0	(c) ...	1,94,250 0 0	1,94,250 0 0	1,94,250 0 0	...
...	55,00,000 0 0	(c) ...	2,34,000 0 0	2,34,000 0 0	2,34,000 0 0	...
...	50,00,000 0 0	(d) ...	2,65,000 0 0	2,65,000 0 0	2,65,000 0 0	...
...	50,00,000 0 0	(d) ...	2,11,500 0 0	2,11,500 0 0	2,11,500 0 0	...
...	50,00,000 0 0	(e) ...	2,78,250 0 0	2,78,250 0 0	2,78,250 0 0	...
...	20,00,000 0 0	(e)	76,500 0 0	76,500 0 0	76,500 0 0	...
5,24,866 0 0	8,48,61,640 5 0	...	35,81,557 0 0	35,81,557 0 0	35,81,555 6 0	*1 10 0
...	0,00,000 0 0	5,358 15 4	2,00,000 0 0	2,05,358 15 4	2,00,990 0 0	4,368 15 4
...	30,00,000 0 0	1,885 14 10	1,20,000 0 0	1,21,885 14 10	1,20,653 5 0	1,232 9 10
...	30,00,000 0 0	3,824 10 6	1,20,000 0 0	1,23,824 10 6	1,19,027 0 0	4,797 10 6
...	60,00,000 0 0	6,514 7 4	2,40,000 0 0	2,46,514 7 4	2,36,948 4 0	9,566 3 4
...	50,00,000 0 0	11,330 2 6	2,00,000 0 0	2,11,330 2 6	1,97,010 15 0	14,319 3 6
...	30,00,000 0 0	1,966 11 4	1,20,000 0 0	1,21,966 11 4	1,18,959 5 0	3,007 6 4
...	20,00,000 0 0	2,162 15 2	80,000 0 0	82,162 15 2	79,549 11 0	2,613 4 2
...	15,00,000 0 0	2,584 6 0	60,000 0 0	62,584 6 0	59,772 3 0	2,812 3 0
...	30,00,000 0 0	3,725 11 0	1,20,000 0 0	1,23,725 11 0	1,19,028 13 0	4,696 14 0
...	84,99,000 0 0	4,860 0 0	3,06,440 0 0	3,11,300 0 0	2,94,312 2 8	13,260 0 0 *3,727 13 4
...	49,95,000 0 0	220 0 0	1,80,102 0 0	1,80,322 0 0	1,78,128 14 0	*2,193 2 0
...	25,00,000 0 0	2,948 4 8	1,00,000 0 0	1,02,948 4 8	99,590 1 0	3,358 3 8
...	18,00,000 0 0	2,928 1 0	72,000 0 0	74,928 1 0	68,709 11 0	6,218 6 0
...	50,00,000 0 0	2,861 15 0	2,00,000 0 0	2,02,861 15 0	1,99,459 9 0	3,402 6 0
...	25,00,000 0 0	...	1,00,000 0 0	1,00,000 0 0	1,00 000 0 0	...
...	40,00,000 0 0	4,575 0 0	2,00,000 0 0	2,04,575 0 0	2,00,970 5 0	3,604 11 0
...	66,00,000 0 0	...	3,96,000 0 0	3,96,000 0 0	3,96,000 0 0	...
...	25,00,000 0 0	25 0 0	1,25,000 0 0	1,25,025 0 0	1,24,890 14 0	134 2 0
...	25,00,000 0	6,280 0 0	1,00,000 0 0	1,06,280 0 0	1,03,450 0 0	2,830 0 0
23,90,000 0 0	A 1,10,000 0 0	3,473 0 0	1,14,584 0 0	1,18,057 0 0	1,13,839 10 8	4,216 10 8 *10 8
...	10,00,000 0 0	17,500 0 0	35,000 0 0	52,500 0 0	...	52,500 0 0
23,90,000 0 0	7,35,04,000 0 0	85,025 2 8	31,89,126 0 0	32,74,151 2 8	31,31,290 11 4	1,36,938 13 4 *5,921 10 0
29,14,866 0 0	15,83,65,640 5 0	85,025 2 8	67,70,683 0 0	68,55,708 2 8	67,12,846 1 4	1,36,938 13 4 *5,923 4 0

A—Debentures in respect of this Loan have remained unpaid owing to their not having surrendered for the re-payment upto 31st March 1945. The debentures do not carry interest from and after the due date and will be paid when surrendered for re-payment by the holders out of the Capital Fund Investment.

* To be treated as savings.

	Amount of loan outstanding on 1st April 1944.	Amount of debentures held by Govt. on 1st April 1944.	Amount of debentures re-purchased during 1944-45.	Amount of debentures held by Govt. on 31st March 1945.	Amount of debentures held by the Corporation on 31st March 1945.
	Rs.	Rs.	Rs.	Rs.	Rs.
(a)	45,00,000	18,24,888	1,65,899	16,58,989	28,41,011
(b)	1,72,00,000	69,75,112	6,34,101	63,41,011	1,08,59,989
(c)	89,00,000	37,00,000	3,00,000	34,00,000	55,00,000
(d)	1,00,00,000	53,00,000	3,00,000	50,00,000	50,00,000
(e)	70,00,000	53,00,000	3,00,000	50,00,000	20,00,000
Total ...	4,76,00,000	2,31,00,000	17,00,000	2,14,00,000	2,62,00,000

U. M. MIRCHANDANI,
Municipal Commissioner.

Appendix No. 30.

IMPROVEMENT SCHEMES.

Comparison of Face, Purchase and Market Values at 31st March 1945 of the different Securities held in the Sinking Fund (vide para 32 of the Chief Accountant's Report).

Particulars of Securities.	Face Value.	Book Value.	Market rate per cent.	Value at Market rates (B. I. Trust and Municipal Debentures being valued at par)
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3½ per cent. Government Loan 1947-50 ...	3,29,600	3,21,390 0 0	103 9 0	3,41,342 0 0
4 per cent. Government Loan 1960-70 ...	7,23,500	7,00,156 11 0	112 12 0	8,15,746 4 0
3 per cent. Government Loan 1963-65	4,02,300	3,94,254 0 0	98 15 0	3,98,025 9 0
3½ per cent Government Paper ...	37,400	36,930 9 0	99 9 0	37,236 6 0
4 per cent. Bombay Port Trust Debentures ...	3,17,000	2,84,726 14 0	114 0 0	3,61,380 0 0
4 per cent. Bombay Municipal Debentures ...	500	486 4 0	Par	500 0 0
4 per cent. Bombay Improvement Trust Debentures ...	29,92,800	27,74,952 12 0	"	29,92,800 0 0
4½ per cent. Bombay Improvement Trust Debentures	2,45,00,000	2,45,00,000 0 0	"	2,45,00,000 0 0
5 per cent. Bombay Improvement Trust Debentures ...	9,81,500	9,05,409 10 0	"	9,81,500 0 0
6 per cent. Bombay Improvement Trust Debentures ...	24,37,700	24,54,425 0 0	"	24,37,700 0 0
3½ per cent. Bombay Municipal Debentures ...	1,69,900	1,69,900 0 0	"	1,69,900 0 0
3 per cent. Bombay Municipal Debentures ...	9,61,000	9,61,000 0 0	"	9,61,000 0 0
4 per cent. B. I. Trust Sterling Debentures ...	£90,800	13,62,000 0 0	Par at 1/5 31/32 s d	12,12,772 2 9
Total	Rs. 3,38,53,200 £ 90,800	3,48,65,631 12 0		3,52,09,902 5 9

J. K. DARUVALA,
Chief Accountant.

U. M. MIRCHANDANI,
Municipal Commissioner.

ASSESSMENT & COLLECTION

Subject: *Administration Report for the year 1944-45.*

I was in charge of the Department during the year, except for the periods from 2-5-44 to 14-6-1944. and from 19-12-1944 to 30-12-1944, when I acted as Deputy Municipal Commissioner, During my absence, Mr. S. V. Vartak, B.A., was in charge of the office in addition to his own duties as Deputy Assessor.

Rates of Taxation.—The rates of taxation on lands and buidings continued to be the same as in the preceding year, *viz.*, general tax (including fire tax) 11½ per cent., water tax 3¾ per cent., and halalkhor tax 3 per cent. The rates charged for the supply of water by meter measurement also continued to be the same as in the previous year, except with regard to the supply to (1) Cotton and other Mills, Dyeing and Bleaching Mills, (2) the Race Course (3) Properties owned by the Trustees for the Port of Bombay, wherefor the rates were increased from Annas 14, Re. 1 and Annas 14 per 1,000 gallons to Rs. 1-2-0, Rs. 1-4-0 and Rs. 1-2-0 respectively. The rates generally varied from Annas 10 to Rs. 1-4-0 according to the nature of properties.

Properties.—The total number of properties on 31st March 1945 was 49,631, as shown in the statement 'A'. Out of these properties, 40,444 were assessed to general tax, 1,628 were exempted from it under Section 143(1)(*a*) of the Municipal Act, 3098 were not taxed, being small plots of waste lands, etc., and 3,378 were Municipal plots. The aforesaid waste lands do not include vacant lands belonging to Government, which are not assessable unless beneficially occupied, and lands belonging to the Port Trust, or the Railways, which are separately assessed. The number of Municipal properties exempted from general tax under Section 143(1)(*b*) of the Municipal Act during the year was 1,083.

Properties newly erected, demolished and enlarged in 1944-45 numbered 1198, 858 and 1043 respectively the corresponding figures for the year 1943-44, being 838, 267 and 698. The number of single-room tenements, double-room tenements and flats or blocks in the City on 31st March 1945 was 2,35,488, 52,637 and 39,824 respectively.

Rateable value.—The rateable value of all properties in the City on 31st March 1945 was Rs. 16,00,98,370 against Rs. 15,93,54,514 on 31st March 1944. It works out to Rs. 69-10-0 per head of population against Rs. 69-5-0 in the preceding year. In 244 cases the rateable value was increased by more than Rs. 2,000 net p. a.

Vehicles and Animals.—Particulars of vehicles and animals taxed during the year (exclusive of those taxed under the Public Conveyances Act) are as under:—

	Number.		Number.
Four-wheeled vehicles drawn by animals ...	320	Motor cycles ...	539
Two-wheeled vehicles drawn by animals ...	945	Motor cycles with side-cars ...	109
Motor cars (including 1099 taxis) ...	10,131	Hand-carts ...	7,945
Motor lorries ...	3.138	Ponies ...	19
Horses (including those in commission stables).	1,038	Bullocks ...	1,743

Vehicles and animals taxed under the Public Conveyances Act are as follows:—

	Number
Hack victorias (including 2 horses for each) ...	2,165
Labour carts (with a pair of bullocks) ...	1,139
Hand-carts ...	17

Bills.—The total number of bills in respect of property taxes and the wheel tax issued during the year was 78,399 and 82,546, respectively, of which 77,360 and 78,657 respectively were for 1944-45 and 1,039 and 3,889, respectively, for previous years.

Total Demand, Collections and Outstandings of all Taxes for the year 1944-45 as compared with the two previous years.

(*Annas and pies are omitted. Amounts above annas 8 are taken as full rupees and those below annas 8 are omitted*).

Particulars.	Total gross demand.	Total Net demand (after allowing drawback and amending and cancelling certain bills).	Collections during 1944-45.	Percentage.	Amount outstanding on 31st March 1945.	Percentage.
	Rs.	Rs.	Rs.		Rs.	
(1) Property Taxes ...	3,59,82,440	3,53,83,378	3,21,97,446	91	31,85,932	9
(2) Wheel-tax ...	18,71,798	17,79,665	14,70,598	82.63	3,09,067	17.37
1944-45 ...	3,78,54,238	3,71,63,043	3,36,68,044	90.6	34,94,999	9.4
1943-44 ...	3,75,62,328	3,57,44,529	3,29,09,169	92.1	28,35,360	7.9
1942-43 ...	3,46,00,977	3,38,20,226	3,00,00,410	88.7	38,19,816	11.3

The percentage of recovery to the total demand during the year was 90.6

Particulars of Outstandings.—The outstandings, which, at the end of the year under report, amounted to Rs. 34,94,999-12-5, stood reduced to Rs. 23,64,607-4-4 on 30th June 1945, an amount of Rs. 10,58,674-15-1 having been collected and bills for Rs. 71,717-9-0 having been recalled and cancelled. Further, if an amount of about Rs. 1,12,000 held in deposit pending settlement of disputes is taken into account the percentage of outstandings will be reduced from 9.4 to 6.1.

Particulars.		Amount outstanding on 31st March 1945.	Amount recovered up to 30th June 1945.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) (*a*) Government contribution (sum in lieu of general tax from 1934-35 to 1944-45 under Section 144) ...	3,13,090 7 0		
(*b*) Government (Property Taxes) ...	1,70,182 12 0	4,83,273 3 0	97,119 8 0
(2) Bombay Port Trust	...	825 1 0	...
(3) Bombay Municipal Corporation (Improvements)	...	29,890 15 0	1,319 14 0
(4) G. I. P. Railway	...	1,00,286 3 0	37,601 4 0
(5) B. B. & C. I. Railway	...	1,29,838 1 0	10,669 15 0
(6) Mills	...	53,343 11 0	14,772 5 0
(7) Other ratepayers	...	26,97,542 10 5	8,97,192 1 1
Total	...	34,94,999 12 5	10,58,674 15 1

As regards 1(*a*), the amount outstanding represents the sum in lieu of geneal tax payable by Government in respect of Police and Military Hospitals. The matter is still under correspondence with Government. As regards 1(*b*), bills amounting to Rs. 1,054-3-0 have since been cancelled and the balance of Rs. 72,009-1-0 is expected to be received shortly. As regards 2, the disputes raised by the Port Trust are being settled and the outstanding amount is expected to be received on presentation of the amended bills. As regards 3, the balance of Rs. 23,571-1-0 is in respect of newly erected Military structures on Bombay Municipal Corporation (Improvement) plots and the same will be adjusted on the grant being supplemented, for which necessary steps are being taken by the Estate Agent and Land Manager. As regards 4, one bill amounting to Rs. 16,555-0-0 is under dispute. It is being settled and the amended bill will be presented for payment shortly. The balance of Rs. 46,129-15-0 is expected to be received shortly. As regards 5, bills amounting to Rs. 4,352-4-0 for water charges are under dispute and the matter is being settled by the Hydraulic Engineer. The balance of Rs. 1,14,815-14-0 is expected to be received shortly. As regards 6, out of the outstandings of Rs. 38,571-6-0 (due to complaints against the rateable values), Rs. 12,402-2-0 received on account are held in deposit and will be adjusted after disposal of complaints. As regards 7, out of Rs. 26,97,542-10-5 shown as outstandings against private rate-payers, a sum of about Rs. 1,53,000 is in respect of suits filed or being filed and about Rs. 22,300 are payable by the Court Receiver and the Official Assignee. A sum of about Rs. 3,84,000 is disputed by the Royal Western India Turf Club in respect of the Race Course and the dispute is being looked into. As a result of additions and alterations to several properties in the latter part of the year, amended bills to the extent of about Rs. 10,71,000 were issued as late as March 1945 and for want of time, they could not be recovered before the close of the year. This fact has tended to inflate the outstandings. The outstandings against the private rate-payers within the control of the staff at the end of the year were about Rs. 10,67,242 against the demand of about Rs. 2,61,33,000 made against them, which comes to only 4.08 per cent. This percentage stands reduced to 2.87 if the total demand, *viz*., Rs. 3,71,63,043 were taken into consideration, as against 3.02%, and 2.17 % respectively for the previous year.

Miscellaneous Receipts.—Miscellaneous receipts realised from notices of demand, distress warrants, battaki fees, inspection fees, and other items amounted to Rs. 10,496-13-6 against Rs. 11,358-11-6 in the preceding year. The number of notices of demand issued and served and distress warrants issued and executed during the year was 8,036, 4,706, 2,196 and 22, respectively. In a large number of cases the mere showing of the distress warrant proves sufficient and is not, therefore, necessarily followed by execution.

Meter Hire.—Receipts from meter hire amounted to Rs. 65,826-12-0 against Rs. 73,747-12-0 for 1943-44, and Rs. 10,280-12-0 remained to be collected at the close of the year.

Exemptions.—The amount of full exemption allowed in respect of general tax on properties entitled to such exemption under Sections 143 (1-*a*) and (1-*b*) and the amount of partial exemption under Sections 144(3) and 145(3) were equivalent to Rs. 11,45,675-13-0 against Rs. 11,30,444-7-0 during 1943-44.

Drawback and Refund.—The following statements show the particulars of drawback and refund claims dealt with during the year and the preceding two years :—

Draw Back.

Year	No. of claims received.	No. of claims admitted.	Percentage.	No. of claims rejected.	Percentage.	Amount of draw-back allowed.
						Rs. a. p.
1944-45 ...	361	34	9.4	327	90.6	6,255 13 0
1943-44 ...	6,938	2,616	37.7	4,322	62.3	1,67,928 10 0
1942-43 ...	11,885	6,215	52.3	5,670	47.7	3,44,823 3 0

Refund.

Year	No. of claims received.	No. of claims admitted.	Percentage.	No. of claims rejected.	Percentage.	Amount
						Rs. a. p.
1944-45 ...	1,452	1,036	71.35	416	28.65	1,05,856 0 0
1943-44 ...	4,448	3,006	67. 5	1,442	32.5	4,00,422 6 0
1942-43 ...	8,823	6,025	68. 3	2,798	31.7	1,97,240 5 0

Complaints and Appeals against Valuations.—There were 1490 complaints under Section 167 of the Act against assessments amounting to Rs. 1,07,70,472 net, fixed during the currency of the year, and 2,365 complaints under Section 163 against original assessments amounting to Rs. 2,01,05,043 net. The assessments were, on investigation of the complaints reduced to Rs. 94,28,689 and Rs. 1,94,16,249, respectively, the reduction amounting to Rs. 13,41,783 and Rs. 6,88,794 giving a percentage of 12.4 and 3.4 respectively.

There were 47 appeals against rateable values under Section 162(2) of the Muncipal Act. Of these 29 appeals were settled out of Court, 5 were dismissed and 7 were decided partly in favour of the Municipality and partly in favour of the appellants 5 were withdrawn and 1 is still pending.

Riot Tax.—The total amount of the riot tax collected upto the close of the year, in respect of the various riots referred to in statement 'D', was Rs. 38,10,540-15-6, out of which Rs. 7,036-8-0 were collected during the year under report.

The U. I. P. Tax.—The rates of taxation were 7 per cent. (as against 7¾ per cent. in the preceding year) in the case of buildings and lands, the rateable values of which were not less than Rs. 2,000 in each case and 3½ per cent. (as against 3⅞ per cent. in the preceding year) in the case of buildings and lands the rateable values of which were less than R.s 2,000, but not less than Rs. 500 in each case. Properties having value of less than Rs. 500 per annum continued to enjoy exemption. The net demand in respect of the tax was Rs. 95,64,780-0-6, collection Rs. 86,02,931-3-6, refund Rs. 41,439-13-0 and drawback Rs. 3,781-2-0. The collection of the U. I. P. Tax during the year amounted to about Rs. 89.94 per cent. of the demand as against 92.4 per cent. in the preceding year. The increase in the outstanding was due to the Garrison Engineer and certain other Central Government Officers withholding payment on the ground that they are not liable to the tax even in respect of requisitioned plots and buildings not absolutely vesting in them. The dispute is under investigation.

House Numbering.—During the year, bills in respect of house numbering plates amounting to Rs. 40 were recovered and bills amounting to Rs. 26-4-0 remained to be collected at the close of the year.

General Remarks.—The outstanding event of the year was the heavy damage and destruction caused to life and property by the explosions on 14-4-1944 at the Princess and Victoria Docks. They resulted in the

complete destruction of over 400 buildings and damage to about 175 buildings mostly in B Ward, thereby involving a loss of about Rs. 3 lacs to the Municipal revenue by way of property taxes.

Revision of the rateable values of owner-occupied properties, *viz.*, bungalows and mansions situated on Malbar and Cumballa Hills yielded a net increase of about Rs. 3.7 lacs in the rateable value in 157 cases and Rs. 0.67 lac in taxes. Revision of assessment of vacant lands in the City was also taken in hand and the values of about 300 plots in F and G Wards were revised. The work of revising the assessment of the remaining vacant lands is in hand.

A large number of bullocks and hand-carts, which had escaped taxation, were rounded up and taxed, as a result of which wheel-tax aggregating about Rs. 58,845 was collected during the year as against about Rs. 58,330 collected during the year 1943-44.

Recovery of the tax on Race horses made through the Royal Western India Turf Club yielded Rs. 11,062 (representing a charge on 835 horses) as against Rs. 11,389 (representing a charge on 850 horses) in the preceding year.

The Motor Branch, which was constituted into an independent unit from 4-5-1943, was strengthened by the appointment of 18 clerks from 1-11-1944, as a result of which bills for wheel tax which could not hitherto be issued on the 1st day of each quarter as required by law, are now being issued on due dates.

There were no occasions during the year on which the provisions of the Bombay Municipal Servants Act had to be brought into effect.

Both the outdoor and indoor staff worked with commendable zeal and energy.

L. S. KAGAL,
Assessor and Collector.

STATEMENT 'A'.

Classification of properties according to user.

Serial No.	Particulars.	Total No.	Serial No.	Particulars.	Total No.
				B. O. ...	36,796
1	Buildings for residential purposes ...	29,822	12	Educational institutions ...	248
2	Buildings for business purposes ...	2,907	13	Gymnasiums, etc.	162
3	Mills (Textile, Oil, etc.) ...	120	14	Cinema Theatres, etc.	68
4	Factories	748	15	Wells, Tanks, and Urinals, etc. ...	648
5	Petrol pumps and service stations ...	103	16	Markets	43
6	Stables	181	17	Quarries	5
7	Garages (separately assessed) ...	719	18	Salt Pans	79
8	Godowns	964	19	Hospitals and Asylums	48
9	Docks	9	20	Lands	4,350
10	Religious properties (Temples, Mosques, etc.).	924	21	Properties and lands belonging to Government, Railways and Port Trust, etc..	7,184
11	Charitable properties (Dharmashala, etc.)	299			
		36,796		Total ...	49,631

STATEMENT 'B'.

Rateable value with the gross return of the Property Taxes.

(In lakhs of Rupees)

Year.	Net Rateable Value.	General Tax		Water Tax including water charges by meter measurement.		Halalkhor Tax.		Total of taxes.
		Rate.	Return.	Rate.	Return.	Rate.	Return.	
		Percent	Rs.	Percent	Rs.	Percent	Rs.	Rs.
1940-41	1414.61	11½	152.77	3¾	80.07	3	38.09	270.93
1941-42	1427.66	,,	154.25	,,	86.84	,,	38.56	279.65
1942-43	1463.63	,,	158.32	,,	92.65	,,	39.63	290.60
1943-44	1593.54	,,	171.90	,,	102.87	,,	43.27	318.04
1944-45	1600.98	,,	172.64	,,	111.43	,,	43.67	327.74

STATEMENT 'C'

Growth of Assessment during the past five years (in lakhs of Rupees).

Year.	Original Assessment Rateable Value, as fixed on 20th December.	Assessment after disposal of complaints & accounting for T. W. Rs. from December to February.	Amount of subsequent reduction during the year by demolitions and on complaints.	Subsequent enhancement New buildings, etc. enlargement and other assessment.	Final Assessment Rateable Value.	Increase Final difference over preceding year's assessment.	Classification of Rateable Value. Chargeable with General Tax.	Exempted from General tax under Sec. 143 (1) (a) & (b) etc.	For which no bills for General Tax are issued.
1940-41	1385.06	1402.88	26.53	38.26	1414.61	17.00	1328.43	86.08	.10
1941-42	1415.86	1411.14	13.96	30.48	1427.66	13.05	1341.33	86.26	.07
1942-43	1431.99	1442.65	11.61	32.59	1463.63	35.97	1376.77	86.80	.06
1943-44	1461.70	1531.39	27.77	89.92	1593.54	129.91	1494.83	98.22	.49
1944-45	1563.80	1564.98	34.20	70.19	1600.98	7.44	1501.26	99.62	.10

STATEMENT 'D'

Statement showing particulars of different Riot Taxes.

Particulars.	Amount Awarded. Rs. a. p.	Amount Collected upto 31st March 1945. Rs. a. p.	Difference. Rs. a. p.
Riot Tax No. V.— Communal Riot of 1929 ...	7,54,710 0 0	6,93,225 7 0	−61,484 9 0
Riot Tax No. VI— Bhendy Bazar Riot of 1930 ...	10,877 0 0	8,096 8 0	−2,780 8 0
Riot Tax No. VII— Kalbadevi Riot of 1930 ...	10,000 0 0	8,442 3 0	−1,557 13 0
Riot Tax No. VIII— Mogal Mahomedan Riot of 1931 ...	11,232 0 0	11,166 14 0	− 65 2 0
Riot Tax No. X— Communal Riot of 1932 ...	20,45,761 0 0	19,88,501 12 4	−57,259 3 8
Riot Tax No. XI— Northbrook Garden Riot of 1933 ...	17,000 0 0	16,803 4 8	− 196 11 4
Riot Tax No. XII— Communal Riot of 1936 ...	5,63,442 8 0	5,49,593 8 6	−13,848 15 6
Riot Tax No. XIII— Communal Riot of 1937 ...	55,610 0 0	54,864 11 3	−745 4 9
Riot Tax No. XIV— Communal Riot of 1938 ...	66,000 0 0	66,789 0 9	+ 789 0 9
Riot Tax No. XV— Communal Riot of 1941 ...	4,00,358 0 0	4,13,057 10 0	+12,699 10 0
Total ...	39,34,990 8 0	38,10,540 15 6	−1,24,449 8 6

ELECTION AND TOWN DUTY

—:o:—

Subject: *Administration Report for the year 1944-45*

Town Duty Section.

I was in charge of the Department during the year 1944-45.

2. The rates of town duties during the year continued to be the same as in the previous year, *i.e.*, at the maximum rates mentioned in Schedule 'H'.

3. The gross realization on account of town duties, refunds in accordance with the provisions of Section 195 of the Municipal Act, and the net receipts are shown in Appendix 'A'. For the sake of comparison, the gross collections and refunds during the year and those in the preceding year are given below:—

	1943-44. Rs.	1944-45. Rs.
Gross collections ...	20,73,748	24,92,152
Refunds ...	3,83,482	4,86,519
Net Revenue ...	16,90,266	20,05,633

4. There was a considerable increase in the receipts from Grain, Sugar and Wines and Spirits which is due to increase in population. The receipts from timber also showed an increase of over Rs. 73,000 over the previous year and of Rs. 1,33,000 over the year 1942-43. This is due to the new system introduced by me since the year 1943 of sending my staff for timber valuation instead of relying on the statements of the importers as was done by our agents, the Railways so far. This altered procedure will bear more fruit when, in due course, the duty on imports of timber by sea will be supervised departmentally.

5. The total number of claims for refund received during the year was 5,667 and the amount refunded was Rs. 4,86,519 against 5,880 claims and Rs. 3,83,482 refunded in the previous year.

6. During the year, 406,922 packages of Sugar, Jaggery and Molasses were stamped with Municipal Marks and 3,009 packages of Ghee and Ghee Substitutes were sealed against 5,26,017 and 12,198 packages, respectively in the previous year.

The fees for the stamping of Sugar bags and the sealing of Ghee tins and cases amounted to Rs. 21,149 against Rs. 25,872 in the previous year.

7. The town duties collected by this department on goods coming into the City along Mahim, Sion, and Chembur Causeways amounted to Rs. 2,81,066 against Rs. 1,86,881 in the previous year.

8. The proposal of the Corporation to amend Schedule 'H' so as to enable them to levy town duties on certain additional articles is still pending with Government, awaiting consideration by the legislature on the restoration of Provincial Autonomy.

Election Section.

In accordance with the provisions of Section 19 of the Municipal Act, the Municipal Election Roll was revised, and published on 20th December 1944 as required by Section 20. The total number of voters enrolled was 3,19,480.

2. The Roll of Delegates as contemplated by Section 21-A was prepared and published on the due date. In all 5 Unions responded to the letters addressed to the Unions for electing delegates. The rolls published contains 106 names of delegates.

3. During the year two casual vacancies in the office of Councillors from the General Wards and one vacancy in the office of a Councillor elected by Fellows occurred. The vacancies were filled up as shown below:—

Serial No.	Ward No.	Vacancy.	Name of the candidate returned.
1	Fellows	Mrs. Jayashri N. Raiji, B.A. ...	Mr. Gordhanbhai Ishwarbhai Patel, B.A.
2	11	Mr. Keshav Laxman Borkar ...	Re-elected.
3	19	Mr. Ashok Ranjitram Mehta ...	Re-elected.

4. There was one case of impersonation in the By-election for Ward No. 19. The case has not yet been heard.

5. *Adult franchise.*—The Ceneral Elections to be held under the new adult franchise have been postponed to 1947.

6. During the year, the expenditure on the revision of the Election Roll, etc., was Rs. 31,400. The printing of Addenda and Corrigenda cost Rs. 6,628 and the expenditure for making arrangements for holding, the By-elections amounted to about Rs. 17,000.

K. R. KELKAR,
Election and Town Duty Officer.

Appendix A

Statement showing the Collections, Refunds and net Revenue from Town Duties for the years 1943-44 and 1944-45.

	Collections.				Refunds.				Net Revenue.			
	1943-44.	1944-45.	Increase in 1944-45.	Decrease in 1944-45.	1943-44.	1944-45.	Increase in 1944-45.	Decrease in 1944-45.	1943-44.	1944-45.	Increase in 1944-45.	Decrease in 1944-45.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Grain at 8 pies per Maund.	6,82,815	9,11,286	2,28,471	...	1,29,693	2,49,549	1,19,856	...	5,46,575	6,51,984	1,05,409	...
Flour at 6 pies per Maund.	396	1,315	919	...	6,943	11,068	4,125	...				
Sugar at 8 annas per Cwt.	7,67,213	8,73,896	1,06,683	...	2,11,116	2,19,458	8,342	...	5,56,097	6,54,438	98,341	...
Wines and Spirits at 4 annas per Imperial gallon.	1,42,626	1,72,415	29,789	...	13,423	1,351	...	12,072	1,29,203	1,71,064	41,861	...
Beer at 6 pies per Imperial gallon.	6,033	5,710	...	323	2,340	44	...	2,296	3,693	5,666	1,973	...
Ghee at 10 annas per Qr.	1,68,406	1,54,093	...	14,313	10,831	1,869	...	8,962	1,57,575	1,52,224	...	[illegible]
Ghee substitutes at 10 annas per Qr.	2,699	3,214	515	...	582	359	...	223	2,117	2,855	738	...
Timber at 2½ per cent. on the Market Value.	2,49,425	3,16,749	67,324	...	8,554	2,821	...	5,733	2,40,871	3,13,928	73,057	...
Firewood at 6 annas per Ton.	54,081	53,472	...	609	...	...	...	...	54,081	53,472	...	[illegible]
Miscellaneous	54	2	...	52	...	...	...	...	54	2	...	[illegible]
			4,33,701 —15,297	15,297			1,32,323 —29,286	29,286			3,21,379 —6,012	[illegible]
Total Rs. ...	20,73,748	24,92,152	4,18,404	...	3,83,482	4,86,519	1,03,037	...	16,90,266	20,05,633	3,15,367	...

CITY ENGINEER'S DEPARTMENT.

I.—ARCHITECTURAL BRANCH

Upkeep and maintenance of Municipal and Ex-Trust Buildings

REPAIRS SECTION

The total number of Municipal and Ex-Trust properties maintained during the year was 2,330 against 2,271 maintained in the previous year. The increase is due, as usual, to construction of n ew structures such as chowkies, cabins, quarters, semi-permanent sheds, public conveniences, etc., and also, in particular, to a more careful and thorough scrutiny of these properties which has revealed that in ceratain groups of properties some small and petty structures were not included in the list during past years and about 37 of such structures have now been added to the existing list. 13 properties which were found to be in an unsound condition and required to be pulled down for Development Schemes were sold for demolition and the sale proceeds realised in respect of them amounted to Rs. 4,825. The upkeep and maintenance of these buildings were carried out partly by contract and partly through departmental agency. For this purpose the City has been divided into two Divisions—Division No. I comprising A, B, C, D and E-East Wards and Division No. II comprising E/West, F and G Wards including Bandra Slaughter Houses.

2. Mr. M. Gulamali and Messrs. Nirmala & Company were the contractors during the year under report for carrying out repairs and petty works, excluding monsoon repairs, to the properties in Division Nos. I and II at 15.5 per cent. below and 22 per cent. above the schedule rates respectively. As, however, the contractor Mr. M. Gulamali for Division No. I failed to carry out his obligations as a contractor, his contract was terminated as per Standing Committee Resolution No. 1007 dated the 27th October 1944 and most of the works in Division No. I were carried out departmentally and a very few of them through the agency of other private contractors. In Division No. II on account of the controls over materials and paucity of skilled labour, the contractors fared little better than that in Division No. I and many of their works were carriedout departmentally. The total amount paid to the contractors for Division No. II was Rs. 44,556 against the work orders amounting to Rs. 97,796.

3. On account of the failure of these petty works contractors, many of the budgetted works as well as those necessitated by the explosions and fires in Bombay Docks had to be carried out departmentally. The total departmental work done by this Branch amounted to Rs. 5,92,343 as against Rs. 3,17,746 last year. Departmental works necessitated on account of the explosions in the Victoria Docks are shown in para. 10.

Monsoon repairs and lime-washing works

4. Monsoon repairs as well as work of lime-washing to all properties were carried out departmentally as in previous years and the results obtained were highly satisfctory both financially as well as from the point of view of workmanship.

Budget Grant and Expenditure

5. The total budget grant under the control of this Branch was Rs. 19,03,626 as per details given below:—

Revenue Budget 'A'	... ...	Rs. 5,55,850
Revenue Budget 'B'	... ...	Rs. 8,65,140
Loan Works Budget 'A' and B'	...	Rs. 4,82,636
Total Rs.	...	Rs. 19,03,626

The actual expenditure during the year amounted to Rs. 11,77,120 which works out to 61.84 per cent of the total budget grant under the control of this Branch.

New Works

6. New Works estimated at Rs. 76,767 were carried out during the year under report through the petty works contractors as well as through departmental agency. The expenditure booked however, during the year amounted to Rs. 34,460 as shown in Statement 'A'.

Special Repairs Works

7. Special repairs estimated at Rs. 1,27,796 were carried out during the year under report through the petty works contractors as well as through departmental agency. The expenditure booked during the year amounted to Rs. 54,394-14-0 as shown in Statement 'B'.

Other Miscellaneous works

8. Besides the above works,works of about Rs. 30,000 were undertaken and carried out as per requisitions from other departments from the grants under their control.

CONSTRUCTION SECTION

Loan Works

9. Loan works estimated at Rs. 7,22,535 were carried out during the year under report through the contractors as well as departmental agency. The expenditure booked during the year amounted to Rs. 2,88,791 as shown in Statement 'C'.

EXPLOSIONS AND FIRES IN BOMBAY DOCKS

Explosion works

10. As a result of the explosions and fires which took place in the Bombay Docks and outside on April 14, 1944, 149 Municipal properties were damaged, the cost of repairs whereof has been estimated at Rs. 2,63,502-8-0. These works are being carried out partly through departmental agency and partly through the contractors at an estimated cost of Rs. 95,901 and Rs. 1,61,095 respectively. Most of the repair-works have been completed and a few others are nearing completion.

11. The cost of these works will be adjusted against the deposit of Rs. 2,50,000 paid by Government against the Municipal claims under the Bombay Explosion (Compensation) Ordinance XXXII of 1944.

Relief Works

12. Works to the extent of about Rs. 5,400 were also carried out at the different Rest Camps opened for giving immediate relief to persons affected by the Explosions.

Special works

13. Work of the construction of 300 one-room tenements at Arthur Road opposite Arthur Road Hospital was taken in hand during December 1944 for housing the persons rendered homeless by the explosions

and fires of 14-4-1944. The cost of the work is estimated at Rs. 6,29,449 and is being met from the amount of Rs. 4 lacs deposited with the Municipality by the Bombay Government and the balance from the amount deposited by the Citizens' Emergency Relief Committee. The work has been entrusted to Mr. M. N. Verma, Building Contractor, and is expected to be completed by the middle of August 1945. A proposal for constructing further 100 tenements for the same purpose is also under consideration.

Civil Defence Works

14. Owing to the improvement in the war situation, no major structural civil defence work was carried out. The work of demolishing the blast walls, however, continued according to resources in hand. This work has been grouped under Articles I, II and III according to the share of cost to be borne either by Government or by the Municipality or by both Government and the Municipality in equal proportion and the cost thereof is estimated at Rs. 8,897, Rs. 60,000 and Rs. 36,857 respectively. Out of these, major portion of the work under Article II has been carried out; those under Articles I and III, which were held in abeyance pending sanction of the Government, will be taken in hand now as the sanction of Government has since been received. Arrangement is being made for the provision of necessary funds for this purpose. Materials salvaged from these demolished walls are being utilized on regular Municipal works giving necessary credit for their value to the A.R.P. accounts from where the cost was originally met.

15. As attempts to dispose of a large stock of A.R.P. equipment purchased to meet the exigencies of the War situation have proved abortive, arrangements to sell them by public auction are being made.

16. As some private buildings requisitioned for A.R.P. purposes are being released to the owners thereof, the works of repairs, overhauling or reinstating them to their original condition are being carried out according to requirements.

DESIGN AND DRAWING SECTION

Preparation of plans, estimates, etc.

17. 110 plans and 40 major estimates amounting to Rs. 64,83,352 for different works were prepared by the Design and Drawing Section during the year. 80 samples of cement were also tested during the year. 1,962 estimates for works including new works, special repairs, etc., were prepared by the Repairs Section during the year under report and were forwarded to the departments concerned. The estimated cost amounted to Rs. 26,97,833.

General Remarks

18. On account of the high cost of materials and the difficulty of obtaining them, provision was made in the Loan Works budget for carrying out only a small number of urgent works. As the constructional cost remained at a high level throughout the year, it was considered advisable to curtail to a certain extent even some of these works also. Similarly, some of the new works and special works that were provided for could not be carried out and had to be deferred for the same reasons.

19. The execution of works through departmental agency was seriously handicapped by the inadequacy of transport facilities available with this Department. Owing to prevailing war conditions, it was not possible to strengthen the municipal fleet of lorries. To tide over this difficulty to a certain extent, private lorries are being hired in the year 1945-46 for transport of materials on departmental works, as an experimental measure.

STATEMENT 'A'

Statement showing the works provided for in the Budget under New Works.

Serial No.	Name of work.	Amount of estimate.	Expenditure booked during 1944-45.	REMARKS.
		Rs.	Rs.	
1	Providing a bath-room and drainage arrangement in the Stores Attendant's quarters in the Central Stores compound.	832	761	Complete.
2	Construction of a permanent shed on Chowpatty Foreshore for the use of ladies for changing their clothes after bathing.	6,573	2,385	Work is in progress.
3	Construction of a Chowkey at Mahim for the use of peons of Town Duty Department.	2,526	1,845	Complete.
4	Providing a new washing place near the cremation ground in the compound of Tank Bunder Hindu Cemetery.	507	368	Do.
5	Constructing a permanent cement concrete chowkey 11'×9' at the entrance of the Tank Bunder Hindu Cemetery.	1,636	1,004	Do.
6	Providing expanded metal to upper portion of Rat Incinerator at the Haffkine Institute.	311	135	Incomplete.
7	Provision of one W. C. and conversion of 2 privies into W.C.s at Haines Road Urdu Cemetery.	3,284	...	The work was not taken in hand either through P.W.C. or departmentally due to the paucity of materials and labour.
8	Providing a 12" connection from the compound of the Hindu Cemetery to the Storm Water Drain at Haines Road.	1,654	...	Do. do.
9	Construction of a C.I. shed at the Malaria Inspector's Office 'G' Ward at Sorab Mill Lane.	648	407	Incomplete.
10	Construction of a garage for the Mobile Cinema van in the Palton Road H. D. Chawl.	2,490	1,513	Do.
11	Extending Lethal chamber at Mahalaxmi siding	1,787	1,026	Do.
12	Providing an additional 2" water connection at the New Dhobighat at Mahalaxmi.	566	...	The work is already entrusted to Hydraulic Engineer.
13	Providing drainage arrangement to water-hydrants in the compound of K. E. M. Hospital.	3,936	2,782	Incomplete.
14	Providing water entrances between Wards Nos. 14 and 8 at Arthur Road Hospital.	894	280	Do.
15	Providing a Badminton court at Arthur Road Hospital	868	...	The work was not taken in hand for want of adequate provision of funds.
16	Providing X.P.M. frames to the openings in the verandah on the 1st floor at Bellasis Road Maternity Home.	1,813	1,643	Complete.
17	Providing drainage arrangements in the compound of Victoria Road Maternity Home.	706	...	The work is already entrusted to A.E.M.
18	Providing two water taps in the Nurses' quarters at Victoria Road Maternity Home.	94	73	Complete.
19	Providing a separate water connection to the Dhobighat of Turner Sanatorium.	423	148	Do.
20	Providing a wooden partition with swing door shutters in the hall on the 2nd floor at Lingubai Eye Dispensary, 1st Kamathipura Street.	865	772	Do.

Serial No.	Name of work.	Amount of estimate.	Expenditure booked during 1944-45.	Remarks.
		Rs.	Rs.	
21	Providing permanent weather shades over the windows and doors, etc., at Lingubai Eye Dispensary.	520	480	Complete
22	Providing a sink with a water-tap in the dressing room for patients, at the Venereal Diseases Hospital.	205	175	Do.
23	Improving water supply and making ¾" connection for the 6" main in old Parbhadevi Road at Cadell Road Maternity Home ...	1,548	1,053	Do.
24	Renewing posts, post-plates and general repairs to public latrines at Haines Road near Pathan Chawl.	669	612	Do.
25	Renewing the soil-pans, flushing tanks, storage tanks and other petty repairs to public conveniences at Kalachowkey Road.	1,909	...	The work is already entrusted to .P.W.C.
26	Renewing the wooden chowkey for the Railway staff working at Mahalaxmi Siding.	2,173	...	Do. do.
27	Construction of a temporary shed, etc., connecting the two rooms by intercommunicating door and providing 2 electric lights at the Welfare Centre at Chembur Labour Camp.	8,300	7,800	Incomplete.
28	Constructing a W.C. block for the staff at the Government Pumping Station at Sewri Wadala, B.D.D. Chawls.	2,959	...	The work is already entrusted to P.W.C.
29	Providing a permanent weather shade over the watch room window and other minor repairs at Alexandra Docks Fire Brigade Station.	151	37	Completed.
30	Experimental Portable booths for squatters.	1,200	883	Incomplete.
31	Providing R.C.C. Posts round the Leopards cage in Victoria Gardens.	1,244	1,175	Do.
32	Providing a wash-basin with a tap at the Colaba Market... ...	257	148	Complete.
33	Providing an open channel without grating around the fish platform of the Colaba Market.	312	262	Do.
34	Providing rain-proof spring curtains to the doors of S.M.'s Office at the Arthur Crwaford Markets.	410	410	Do.
35	Construction of a temporary shed for Mango dealers at Arthur Crawford Markets.	4,410	1,740	Part of the work completed. The remaining work will be carried out when the plot on which the shed is to be erected is vacated by the Amin nursery.
36	Paving with set-stone the open space in front of the mutton slaughter house, Bandra.	5,360	...	The work is already entrusted to A.E.M.
37	Providing an additional room to the existing Halalkhore's Chawls at Bandra Slaughter House.	714	380	Complete.
38	Construction of a washing place on the south-west corner of the old butchers' chawl at Bandra Slaughter House.	562	...	The work is aready entrusted to P.W.C.
39	Providing 3" C.I. water main in Bandra Slaughter House and making 1½" connection to water trough. —	8,000	4,163	Incomplete.
40	Providing a C.I. sheet roof and hanging arrangement on the northern corner of the Mutton slaughter House at Bandra.	636	...	The work is being carried out departmentally.
41	Renewing the Elephant and Camel ride stands in Victoria Gardens ...	2,815	...	The work is being carried out departmentally.
	Total ...	76,767	34,460	

STATEMENT 'B'

Statement showing the works provided for in the Budget under Special Repairs

Serial No.	Name of work.	Amount of estimate.	Expenditure booked during 1944-45.	REMARKS.
		Rs.	Rs. a. p.	
1	Renewing the ceiling and joists of the east side verandah of Estate Agent and Land Manager's Office.	1,035	760 14 0	Complete.
2	Renewing the decayed joists of Estate Agent and Land Manger's Office.	541	314 6 0	Do.
3	Repairs (including colour and lime-washing) to the quarters of the Stores Attendant in the Central Stores compound.	410	371 2 0	Do.
4	Providing M.S. brackets to the cornice, wherever necessary, Victoria and Albert Museum.	1,244	1,133 8 0	Do.
5	Coating the C. I. sheets of the roof, Victoria and Albert Museum ...	311	187 0 0	Do.
6	Repairing and rebuilding the broken compound-wall to the east of Hindu Cemetery at Tank Bunder.	405	269 12 0	Do.
7	Repairing and raising the compound-wall of the Hindu Cemetery at Tank Bunder.	11,712	5,794 11 0	Incomplete.
8	Repairs to R.C.C. hoods as a stop-gap measure round wards, etc., K. E. M. Hospital.	8,250	...	Do.
9	White-glazed dado tiling in the main passages in front of the Aural Theatre and O.P.D. 1st floor and waiting place near O.P.D. male dispensary window ground floor, north side, K. E. M. Hospital.	810	598 10 0	Complete.
10	Oil-painting the walls, wood-work, grills and railing and white-washing ceilings in the main passage on ground floor on the south side of the administration block, K. E. M. Hospital.	453	347 10 0	Do.
11	Oil-painting the walls, wood-work, grills and railing and white-washing ceilings in the main passage on ground floor on the north side of the administration block.	898	826 9 0	Do.
12	Filling in cracks, oil-painting, white-washing, etc., and general petty repairs to Wards 4, 5 and 6, K. E. M. Hospital.	8,904	6,193 7 0	Incomplete.
13	Re-painting the wall patches in the Hospital Wards O.P.D. main corridors, K. E. M. Hospital.	3,408	2,405 4 0	Do.
14	Oil-painting the wood-work of doors and windows, iron grills, dado portion and colour-washing walls and white-washing ceilings of servants' quarters, garage blocks and dhobies and havaldars' quarters, K. E. M. Hospital.	2,542	1,861 5 0	Do.
15	Oil-painting the walls, wood-work and iron grills of windows and white-washing the ceilings in the main passage on the 1st floor from north to south.	1,478	1,355 6 0	Complete.
16	Oil-painting and colour-washing the walls and wood-work internally and externally to Administration Block, Arthur Road Hospital.	1,276	89 0 0	Incomplete.
17	Oil-painting the walls and wood-work of the ground and 1st floors of the Nurses' quarters in the General Unit, Arthur Road Hospital.	2,204	1,949 3 0	Do.

Serial No.	Name of work.	Amount of estimate.	Expenditure booked during 1944-45.	Remarks.
		Rs.	Rs. as.	
18	Repairs to the compound pavement round the servants' quarters ...	2,707	2,433 12 0	Complete.
19	Reconstructing and repairing the compound wall to the north and south sides, Maratha Hospital.	2,997	2,756 4 0	Do.
20	Repairing the west side weather shade of the Victoria Road Maternity Home.	1,330	495 9 0	Complete.
21	Reconstructing the gallery with roof of the first floor on west of the Turner Sanatorium.	...	...	The work is proposed to be carried out from the Loan Funds.
22	Reconstructing, plastering in patches and colour-washing externally at Venereal Diseases Clinic at Bellasis Road	202	185 13 0	Complete.
23	Oil-painting, white-washing, etc., the weather shades, hoods, rain water pipes and drainage pipes, G. S. M. College.	1,215	767 7 0	Do.
24	Filling the cracks, white-washing distempering, etc., at G. S. Medical College Museum.	5,307	592 1 0	Incomplete.
25	White-washing and colour-washing Lady Students' Hostel, G. S. M. College.	919	839 6 0	Complete.
26	Oil-painting the dado and white-washing the ceiling and distempering the walls of Physiology and Histology department on the 2nd floor.	567	279 10 0	Do.
27	Renewing sanitary fittings of water-closets of A and B Blocks, etc., of the Chawls at Palton Road.	3,442	549 11 0	Incomplete.
28	White-washing the Health Department chawls at DeLisle Road and Tankpakhady Street.	936	583 10 0	Complete.
29	Renewing old Mangalore tiles of some of the chawls in Labour Camp at Chembur.	21,357	...	The work is being carried out departmentally.
30	Renewing cistern No. 21 of water-closet block on the ground floor of Arthur Road Halalkhore chawls.	1,357	1,044 3 0	Complete.
31	Renewing C. I. sheet of the roof of semi-permanent sheds at Sukhalaji Street Health Camp.	1,606	...	The work is already entrusted to P. W. C.
32	Repairs to the Health Department Chawl No. 24, Blocks C, D and E at Valpakhady.	2,273	1,660 14 0	Incomplete.
33	Renewing the existing C. I. shed at Chandanwadi	7,574	2,909 0 0	Do.
34	Providing C. C. pavement around the station	1,123	935 13 0	Complete.
35	Water-proofing the pump house	2,500	...	The work is postponed for the time being.
36	Providing bars to window-openings and door-ventilators on the ground floor flat of the staff quarters at Dadar Purification Works.	897	416 9 0	Complete.
37	Providing weather shades to door and window openings of the Pump-house, Compressor station and staff quarters.	4,687	1,172 5 0	Incomplete.
38	Structural repairs to rear gallery and sanitary block at Guiar Street Ward Office.	1,618	33 2 0	Do.
39	Renewing the Mangalore tiles of the staff quarters at Dadar Fire Brigade Station.	2,061	950 3 0	Do.
40	Renewing the deteriorated wood-work and minor repairs to Colaba Fire Brigade Station.	5,132	...	The work is being carried out departmentally.
41	Oil-painting the drill-tower and compound railings, etc., at Dadar Fire Brigade Station.	576	399 0 0	Complete.
42	Renewing disintegrated roof tiles and renewing flooring, wherever necessary, in the Workshops at Byculla Fire Brigade Station.	3,865	987 0 0	incomplete.
43	Renewing the decayed wood-work in posts, post plates, joists, etc., in the verandahs and replacing the existing decayed ventilators with weather-shades of the two storeyed firemen's chawls at Byculla Fire Brigade Station.	7,498	2,843 8 0	Do.
44	Supporting the projected gallery of the Ambulance Officer's quarters at Byculla Fire Brigade Station.	1,186	1,121 8 0	Complete.
45	Oil-painting the wood-work and colour-washing the walls, etc., of the Mochi's shop at Byculla Fire Brigade Station.	1,406	1,297 8 0	Do.
46	Oil painting the 2nd Officer's quarters at the Byculla Fire Brigade Station.	1,404	1,294 9 0	Do.
47	Renewing the present supports of the hedge at Marine Drive (Cost Rs. 2,175 expenditure being restricted to Rs. 1,000).	1,000	...	The work is being carried out through S. G.
48	Repairs to roads in the compound of the Arthur Crawford Market.	2,714	1,599 15 0	Incomplete.
49	Repairs to deteriorated wooden plank shutters, etc., of the flower stalls (Nos. 7) of the Arthur Crawford Market.	1,893	908 8 0	Do.
50	Repairs to 12 stalls of the Arthur Crawford Market, Mutton Section.	357	350 15 0	Do.
51	Renewing the flushing tanks attached to the Sanitary Block in the compound of the Arthur Crawford Market.	683	682 7 0	Complete.
52	Consolidating the open space in the mutton yard and the side space near the horned cattle stable at the Bandra Slaughter House.	1,730	...	The work is entrusted to A.E.M.
53	General repairs to the sheep pen near old bullocks' stable and near buffalo shed at the Bandra Slaughter House.	2,032	...	The work is entrusted to P.W.C.
54	Filling in the ground of the cattle shed existing on the low-lying ground at the Bandra Slaughter House.	2,764	34 15 0	Incomplete.
	Total ...	1,27,796	54,394 14 0	

STATEMENT 'C'

Administration report of the Arch. Branch for the year 1944-45

Loan Works

Serial No.	Name of work.	Amount of estimate.	Expenditure booked during 1944 45	Remarks.
		Rs.	Rs. as.	
1	Construction of W.C.s and W.P.s for the Mang Garudi Camp at Dharavi.	55,277	36,195	Complete.
2	Construction of a Fire Brigade Station at Memonwada Road, Bhendi Bazar.	1,87,845	83,480	Do.
3	Construction of a Kutchra shed at Arthur Crawford Market ...	3,278	181	Do.
4	Construction of public conveniences at Market Road near Arthur Crawford Market.	15,092	2,782	Do.

Serial No.	Name of work.	Amount of Estimated.	Expenditure booked during 1944-45.	Remarks.
5	Additional works at Hindu Cemetery at Dharavi	9,500	9,259	Complete.
6	Works for the Dawoodi Borah Cemetery, Sewri ...	23,136	199	Do.
7	Construction of a shed for 500 animals, etc., at Bandra Slaughter House.	31,264	5,074	Do.
8	Works in extension to New Nurses' Home, etc., at Arthur Road Hospital.	73,095	9,966	Work is in progress.
9	Works in extension to Dispensary at Arthur Road Hospital ...	18,062	302	Do.
10	Works in reconstruction of retaining wall, etc., at Turner Sanatorium.	56,811	16,662	Do.
11	Construction of public conveniences at Kumbharwada Street ...	9,300	64	Complete.
12	Do. do. do. at Tulsi Pipe Road ...	19,370	64	Do.
13	Providing underground drains in the compound of Bandra Slaughter Houses.	14,894	7,906	Work is in progress.
14	Pulling down and reconstructing room on the 2nd floor, South West corner of the Turner Sanatorium main building, Bhoiwada Parel.	4,353	...	Do.
15	Gunite treatment and repairs to Block 'B' of Health Department chawls at Palton Road.	99,840	62,657	Complete.
16	Gunite treatment and repairs to Block 'A' of Health Department chawls at Palton Road.	1,01,418	54,000	Do.
	Total ...	7,22,535	2,88,791	

II.—PRIVATE BUILDING CONSTRUCTION.

(Including acquisition of set-backs).

Applications for erection of new buildings, etc.

20. The following table shows the number of applications for the erection of new buildings and for alterations and additions to the existing buildings received respectively under Sections 337 and 342 of the Municipal Act during the last five years:—

Year.	Under Section 337.	Under Section 342.	Total number of buildings dealt with.	Total number of applications.
1940-41	858	1,098	1,956	3,792
1941-42	862	950	1,812	3,968
1942-43	381	378	759	1,650
1943-44	500	507	1,007	1,581
1944-45	893	807	1,700	2,373

Note.—Two or more modified proposals are generally received in connection with one and the same building, hence the difference between the figures in the last two columns in the above table.

SET-BACKS

Acquisition of setbacks.

21. The following is the comparative statement of the amounts spent for acquisition of set-backs in the City during the last five years:—

Year.	Amounts paid as set-back compensation. Rs. a. p.
1940-41	10,82,062 10 5
1941-42	7,85,481 13 2
1942-43	3,24,227 15 5
1943-44	3,16,529 15 0
1944-45	1,59,420 13 9

22. The area added to roads during the year was 4215.93 square yards and the cost thereof amounted to Rs. 24,148-12-0.

23. The liabilities outstanding in respect of the acquisition of setbacks amounted to Rs. 10,13,829-5-10. This includes cases in which lands have been acquired but have been leased to house-owners concerned on certain terms and conditions as the adjoining set-backs have not yet been acquired. The compensation in such cases amounts approximately to Rs. 43,260-11-2.

24. During the year under report liability to the extent of Rs. 1,284-14-0 was cancelled in respect of cases in which claims were barred by limitations and other cases in which acquisition of set-backs was not given effect to due either to the plans getting time-barred or parties not agreeing to part with set-back land for compensation offered.

Prescribing the regular lines of streets.

25. The following is the list of regular lines prescribed or substituted afresh to suit the requirements of modern traffic:—

(1) Prescribing for the first time the regular line of 40′ width between drainage channel (now covered over) and Gowalia Tank Lane.

(2) First time regular line on front of Royal Indian Navy Dockyard at the junction of Apollo Street and Rampart Row.

(3) Revising regular line of portion of Tardeo Road between Gowalia Tank Road and Hornby Vellard Road.

The following is the list of streets, the revision of the regular lines of which are under contemplation :—

(1) Revising regular line of Gunbow Street between Borah Bazar Street and Bazar Gate Street.
(2) Revising the regular line at Carpenter Street.
(3) Revising regular line of Gowalia Chawl Lane for the portion declared public.
(4) Revising 100′ road lines from the junction of Jackeria Bunder Road to Tripartite Road.
(5) Changing road lines of Tulsi Pipe Line between Lady Hardinge Road and Tilak Bridge.

ENFORCEMENT OF BUILDING REGULATIONS.

Enforcement of Building Regulations.

26. Prosecutions were launched against house-owners for non-compliance with the requisitions under various sections of the Municipal Act with the following result :—

Section of the Act.	Number of prosecutions.	Number of cases withdrawn or complied with.	Number of cases in which the parties were warned and discharged.	Number of convictions.	Number of postponements following during the year 1944-45.	Amount of fines.
						Rs. a. p.
231 ...	50	24	1	9	16	116 10 0
243 ...	6	5	...	1	...	5 0 0
257 ...	168	105	1	38	24	686 2 0
258 ...	6	3	...	...	3	...
259A ...	1	...	...	1	...	25 0 0
297 ...	3	2	...	1	...	5 0 0
308 ...	146	80	...	48	18	1,083 0 0
337 ...	273	98	1	58	116	1,412 0 0
342 ...	161	93	...	26	42	498 8 0
347 ...	56	29	...	12	15	188 0 0
347A ...	19	11	...	4	4	38 0 0
349 ...	3	1	...	1	1	10 0 0
349A ...	2	...	...	2	...	179 0 0
353 ...	8	3	...	...	5	...
353A ...	60	13	...	20	27	1,417 0 0
354 ...	516	300	4	88	124	3,833 9 0
356 ...	2	2	...	...	...	...
377A ...	46	31	...	13	2	275 0 0
383 ...	3	3	...	...	...	...
507 ...	34	26	...	2	6	55 0 0
Bye-law 41D ...	3	3	...	...	...	...
Total ...	1,566	832	7	324	403	9,826 13 0
Add the amount of fines of old postponed cases inflicted during the year 1944-45.						2,301 6 0
					Total Rs. ...	12,128 3 0

Removal of unsafe structures.

27. In all, 1,631 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these 1,106 were complied with and the remaining 525 were pending at the close of the year.

Out of 723 notices pending at the end of the last year, 596 were complied with and 127 notices still remained pending at the close of the year.

Building collapses.

28. The total number of buildings or portions thereof which collapsed during the year under report was 40. In 11 cases, 21 persons were injured and none was killed. In the remaining cases there were no casualties.

N.B.—These figures do not include the number of houses or parts thereof which collapsed on account of the explosions in the Docks that took place on 14-4-1944.

Removal of huts or walls of inflammable materials.

29. Action for the summary removal of huts or walls made of inflammable materials was taken under Section 349 of the Muncipal Act in 73 cases. Out of these, 30 were complied with and the remaining 43 cases were pending at the close of the year. 7 cases, which were pending at the close of the last year, were complied with during the year under report.

Sanction of Standing Committee for removal of unauthorized work.

30. Only in one case the sanction of the Standing Committee was obtained for the removal of unauthorized work and the matter was under action.

Removal of unauthorized projections.

31. In all 1,548 notices under Section 308 of the Municipal Act were issued for the removal of unauthorised projections. Out of these, 1,319 were complied with and the remaining 229 were pending at the close of the year. Out of 238 cases, which were pending at the close of the preceding year, 233 were complied with and the remaining 5 cases were pending at the end of the year.

Income and expenditure on projection permits.

32. The following statement shows the expenditure incurred and income derived during the course of the last three years on account of temporary projections, such as stall-boards, and weather-frames projections, etc. :—

Year.	Staff.		Income.	Expenditure.	Net Income.
	Sub-Overseers.	Clerks.			
			Rs. a. p.	Rs. a. p.	Rs. a. p.
1942-43 ...	18	4	1,36,667 0 0	29,339 7 0	1,07,327 9 0
1943-44 ...	18	4	1,44,528 5 0	32,657 13 0	1,11,870 8 0
1944-45 ...	18	4	1,33,601 8 0	35,762 4 0	97,839 4 0

33. The Corporation has now chalked out a programme for eliminating stall-board projections within a period of five years. Proposals for the first year's programme are being framed. No new projections of stall-boards were permitted during the year under report.

34. In all 6,717 notices were issued under different sections of the Municipal Act.

New tenements.

35. During the year under report, 869 buildings were inspected by the Ward staff with a view to registering newly constructed tenements in the City.

36. The following statement shows the number of tenements newly constructed during the year under report :—

Ward.	Number of one-room tenements.	Number of two-room tenements.	Number of larger tenements usually known as blocks.
A	Nil	Nil	Nil
B	Nil	Nil	Nil
C	(26+3)=29	Nil	Nil
D	Nil	Nil	Nil
E	4	Nil	1
F	10	Nil	1
G	14	18	6
Tenements constructed during the year 1944-45. ...	57	18	8
Tenements constructed during the previous year :—	159	83	106

N.B.—It will be seen from the comparative figures shown above that there is a marked decline in building construction in the City which is due to the restrictions imposed by Government on building works.

Old tenements demolished.

37. The following statement shows the number of tenements demolished during the year.

Ward.	Number of one-room tenements.	Number of two-room tenements.	Number of larger tenements usually known as blocks.
A	...	...	...
B	...	...	...
C	...	...	...
D	7	...	...
E	...	...	...
F	24	...	...
G	16	...	...
Total ...	47	...	...

N.B.—The properties destroyed by the explosion of 14-4-1944 are not shown in the above statement.

SUBVENTION SCHEME.

38. The Scheme for compulsory conversion of basket-privies into water-closets on full-flushing system in F and G Wards under the Subvention System which was put into operation in October 1939 has been suspended as the Standing Committee by their Resolution No. 1658, dated the 18th February 1942 recorded the proposal for issue of fresh notices under Section 248 (1) (*c*) of the Municipal Act. No new notices were therefore issued. However, five basket privies were converted into full-flushing water closets during this year. The total number of seats converted since the inauguration of the scheme up to the end of the year under report comes to 3,422. Out of the total amount of Rs. 1,000/- provided in the Revised Loan Works Budget for the Subvention Scheme, Rs. 300/- were expended on payment of subsidy to the house-owners, leaving a balance of Rs. 700/- at the end of the year under report.

CEMENT AUTHORIZATION TO PRIVATE HOUSE-OWNERS.

Cement certificates.

39. The issue of authorization certificates for cement by the City Engineer to private house-owners for obtaining cement for urgent and essential repair works to their properties was continued during the year under report. In all 4652 applications for cement were received during the period under report from house-owners and authorizations aggregating to 5220 tons and 18 cwts. were issued after scrutiny of the applications by inspection of works on site.

GENERAL.

Revision of Building by laws.

40. The revised Municipal Building By-laws have since been approved by the Corporation and have been sent to Government of Bombay for confirmation. The Codes for the R.C.C. and steel structures have been approved by the Works Committee and are before the Corporation for their consideration. The revised draft amendments to the Building Regulations are yet before the Works Committee.

Explosion on 14-4-44.

41. In the beginning of the year under report, the terrible explosions in the Docks and consequent fires on 14th April 1944, resulted in heavy destruction of life and property.

42. As soon as the explosions occurred, the affected area was cordoned off by the Police and nobody was allowed to enter the same without special permit. Within four days of the date of explosions, the entire staff of the Buildings Branch assisted by the staff of the Slums Branch was employed in carrying out the survey

work in the affected area with a view to finding out what buildings were safe for immediate occupation by the dis-housed families. A day to day report was submitted to the Dy. Commissioner of Police on the strength of which about 14,000 persons were able to occupy their former residences.

43. On completion of the survey, the buildings which were considered unsafe for occupation were reinspected and classified into the following three categories:—

(1) Slightly damaged buildings which required minor repairs.

(2) Partially damaged buildings which required substantial repairs and also removal of some dangerous portions thereof.

(3) Totally damaged buildings which required complete demolition.

44. In order to enable the dis-housed persons to occupy only the sound buildings, arrangement was immediately made to remove the debris which had practically blocked all the streets in the locality. As it was realised that the work of demolishing dangerous buildings or portions thereof would take a long time if it was left to the house-owners, it was considered desirable to have the work of demolition done either through Municipal or Government agency, but as the same was likely to entail legal difficulties, the Municipality had to be vested with powers indeminifying it against any claims for loss or damage likely to arise by the demolition operations. Government were therefore approached and requested to promulgate an order under Defence of India Rules and accordingly Government issued an order No. S.D. II 610, dated 3-5-1944 under Rule 78 of the Defence of India Rules empowering the City Engineer to deal with the demolition of buildings and removal of debris from the area lying to the west of the G. I. P. Railway and Lt. Col. Francis Seymore Williams, D.S.O., R.E., with similar powers in respect of buildings situated to the east of the G. I. P. Railway. The number of buidings demolished partly or wholly through the Municipal contractors under the supervision of the City Engineer was 147 on different streets in the affected locality as stated below:—

Name of the street.	No. of Buildings demolished.
Narsi Natha Street	56
Sayed Mukri Street	16
Kazi Sayed Street	42
Issaji Street	20
Chinch Bunder Road	1
Samuel Street	7
Bardan Street	3
Janjikar Street	2
Total ...	147

45. In all 586 buildings were damaged (including 387 godowns) of which 312 buildings were completely destroyed and 274 partially damaged. The number of persons completely dishoused was estimated at about 13,000.

46. The work of demolition and removal of debris was carried out through the agency of contractors. The total quantity of debris and earth removed was about 42,300 brass from roads and private properties, and the expenditure incurred on this account amounted to Rs. 7,92,000, (*viz.*, Rs. 71,450 for demolition of buildings and Rs. 7,20,550 for the removal of debris) which was included in the claim for compensation submitted to the Government of India on account of the loss sustained by the Corporation.

47. It may be mentioned that in the area affected by the explosions, 324 proposals for repairs and construction of temporary godowns were sanctined, out of which 130 buildings including godowns have been repaired or constructed during the year under report.

III.—INVENTORY OF MUNICIPAL PROPERTIES.

48. The statements prepared in connection with the Inventory of Municipal properties (excluding those in charge of Estate Agent and Land Manager) were forwarded to the Corporation during the year under report (*vide* Corporation Resolution No. 1023, dated the 8th February 1945).

49. Municipal assets have been classified under the following groups:—

(1) Assets created out of revenue and borrowed capital, Trust moneys and donations.

(2) Assets received as gifts or handed over for maintenance and not brought into account.

(3) Assets such as roads, drains and sewers, etc.

50. The statements pertaining to the assets belonging to the Ex-Trust vesting in the Corporation (including the properties remaining with the Municipality out of the Municipal Schemes) will be prepared by the Estate Agent and Land Manager's Department.

IV.—MECHANICAL BRANCH.

Municipal Workshops.

51. **Works.** The total expenditure on Departmental and Private Works carried out in the Municipal Workshops during the year 1944-45 amounted to Rs. 2,53,276 as against Rs. 2,26,518 in the preceding year.

52. **Exxpenditure.** The expenditure on the upkeep and overhead charges of the Workshops amounted to Rs. 69,327 which works out to 27.3 per cent. on the expenditure incurred on labour and stores used in the execution of works during the year under report against 33.6 per cent. of the preceding year.

DADAR PURIFICATION WORKS.

53. The sewage purification works and the Digestion tank at Dadar worked satisfactorily throughout the year. The total volume of sewage received at the Plant during the year amounted to 4,057.48 million gallons, *i.e.*, an average of 11.11 million gallons per day. The quantity of crude sludge digested amounted to 18.25 million gallons. The total gas generated in the year was 2,29,07,920 cubic feet and the average generation per day was 62,761 cubic feet.

This quantity of gas represents a yearly potential income of Rs. 91,63,168 at the rate of Rs. 4 per 1,000 cubic feet, the rate charged by the Bombay Gas Company to the public. This means an average potential income of Rs. 251 per day.

54. During the year, sludge gas was supplied to the following Institutions, buildings, etc. :—

Name of the Institution.	Quantity supplied.
(1) K. E. M. Hospital	5,155,100 cubic feet.
(2) K. E. M. Hospital staff and Lady Students' Hostel	1,928,312 " "
(3) The Turner Sanatorium	1,041,900 " "
(4) The R. I. N. Hospital, Sewri	1,439,000 " "
(5) The Sludge Gas Compressor	1,067,400 " "
(6) Street Lights (15 Nos.)	291,780 " "
(7) D. P. W. Staff Quarters	72,670 " "
Total ...	10,996,162 cubic feet.

It will thus be seen that out of the total gas generated, 11,911,758 cubic feet or 52 per cent. (229,07,920 —109,96,162) was wasted in the year. This is equivalent to Rs. 47,647. This works out at a daily wastage of 32,635 cubic feet, representing a sum of Rs. 130 per day at the rate of Rs. 4 per 1,000 cubic feet. However it will be noted that this wastage is less by about 5,486 cubic feet per day over last year.

55. The total income derived from the supply of gas for the above purposes excluding the gas used, for running the lorry amounted to Rs.30,357-3-0. The figure is made up from individual supplies as shown below:—

Name.	Amount realised. Rs.	a.	p.
(1) K. E. M. Hospital	15,465	5	0
(2) K. E. M. Hospital staff and Lady Students' Hostel	5,784	15	0
(3) R. I. N. Hospital	4,317	0	0
(4) Turner Sanatorium	3,125	11	0
(5) Street lights	720	4	0
(6) D. P. W. Staff	218	0	0
Meter Rent	726	0	p
Total Rs. ...	30,357	3	0

56. The sludge gas compressor plant erected and taken over by the Municipality from the suppliers in December 1942 has now worked for two years (1943-44 and 1944-45) more or less fairly satisfactorily and one heavy Leyland 5-Ton lorry has been running on transport service on sluge gas for these two years. During the year the sludge gas-lorry covered 7,160 miles and the gas utilised represented an equivalent of 1,193 gallons of petrol valued at Rs. 2,162-5-0 at Rs. 1-13-0 per gallon. The total running expenses of the compressor during the year amounted to Rs. 3,385-4-0. This expenditure is more than the savings effected in petrol bill due to the non-availability of equipment for converting more lorries. Equipment for conversion of six more lorries to sludge-gas running has since been received and it is expected that there will be in all 7 lorries running on sludge-gas at the end of 1945-46. It is necessary to have an additional compressor as early as possible, because at present there being no 'stand by' when the compressor is shut down for repairs and inspection, the lorry has to be run on petrol in lieu of sludge gas.

57. The volume of sewage received at D. P. Works continues to be very much in excess of the capacity of the plant. This excess—about 4 to 6 million gallons per day was diverted to the open storm water drain nearby. The diverted sewage was chlorinated in the summer months of the year. Extension of the Purification Works is urgently necessary and it is hoped that the situation regarding release of cement, steel, etc., would improve next year and that it would be possible to make a start next year with at least a part of the extension scheme sanctioned by the Corporation under their Resolution No. 1120, dated the 22nd February 1940.

58. The sewage works laboratory examined about 3,000 samples during the year in addition to other valuable work. Statement "A" briefly gives in a tabulated form the working of the Dadar Sewage Purification Works for 1944-45. A consolidated statement "B" showing five years' operation is also attached as an Appendix.

59. The total expenditure on power, stores, establishment, laboratory, etc., on the working of the Simplex Plant, Pruss Filter, Digestion Tank, the Sewage Pumping Station at the Works and the Sludge Gas Compressor Station amounted to Rs. 1,24,692 during the year under report.

60. The enclosed forced draft Pruss Filter started in 1941 is working satisfactorily. Some information regarding its working was given in the annual report for 1941-42. It has since 1941 been tried under varied conditions and the results achieved have shown that it is economical in running cost and fool-proof in working. A fuller description of the filter is included, as it would prove useful and instructive to those interested in the development of this process for the purification of sewage.

The filter is constructed of R.C.C. and has an internal diameter of 78'—6" and is covered with a conical R.C.C. roof having a rise of one in three. The circular wall of the filter is 6½ inches thick and the roof-slab is 5" thick. Four steel doors in four directions are provided to enable the filtering media being put in or removed. The filtering media is made up of 4' of crushed metal at the bottom arranged in two layers, the lower one of 18 inches depth having 1½"—to 2½" diameter metal and the upper one of 2'—6" depth having ¾" to 1" diameter metal. On the top of this metal is a 6'—6" layer of broken steam boiler clinker varying from 1½" to 3" size and 18" of 3" to 6". The pre-settled sewage is pumped up and delivered into the srinkler arms which rotate over the surface of the filtering media and distribute the sewage evenly thereon. The settled sewage percolates through the media and gets purified during its passage downwards by various worms, protozoa, flies and oxidising bacteria. An electric fan of 7,000 to 12,000 cubic feet of air per minute capacity fixed in the centre of the roof gives the required supply of oxygen to the bacteria and protozoa which thrive on the filter media and carry out the work of liquifaction and purification.

The floor of the filter is formed into a system of channels 6½ inches wide and 8 inches to 14 inches deep on a slope cast in concrete. These gravitate to one central feed channel, 18 inches wide and depth varying from 3 inches to 9 inches from east to west, which discharges the effluent into a Humus Tank, and also to a second channel which runs from the central tower towards north to the aeration tanks 18″ wide and depth varying from 12″ to 21″ as the need may be. The channels are bridged over with pre-cast tiles semi-circular in shape, so arranged as to leave a ¼″ loose joint to enable them to pass the filtered effluent from filter media into the channels. The effluent is taken to a concrete sump with an inlet penstock which guides the flow to the Humus Tank by means of an enclosed R.C.C. duct entering into a central deflection box fixed in the centre of the Humus Tank. This deflection box is mounted on R.C.C. columns from the bottom of the tank and carries eight numbers of concrete channels with weir plates, supported on their outer ends on the circular collecting trough. This trough discharges ultimately into the storm water drain for final disposal to sea.

61. The Humus Tank is 36′ internal diameter, having 5′—4″ vertical water depth and 27′ conical depth giving a total capacity of 14,500 cubic feet or 90,200 gallons. The Humus or collected sludge at the bottom is at present discharged into the storm water drain, but in the final scheme it will be taken to the consolidation tanks for ultimate digestion.

62. The outlets are so arranged that the filtered effluent may be taken to the Humus Tank or to the inlet end of the aeration tanks of the Simplex Plant. Similarly, the effluent from Humus Tank can be taken to the storm water drain or to the inlet sump of settled sewage.

63. Various experiments and observations were made. Experience has demonstrated that a filter of these dimensions when carefully matured can, under the weather conditions in Bombay, treat *to a high standard of purity* settled sewage at the rate of 1 million gallon per day and to a *satisfactory standard of purity* fit for discharge into the sea without causing nuisance to smell and sight *at the rate of 1.5 million gallon per day*, provided a rest of four hours per day is given by cutting sewage feed and air supply. It seems that during the period of rest the psychoda flies get a chance to emerge out from the slime on the media and breed further. Possibly, also, the maggots of the psychoda fly get a good opportunity to feed uninterrupted on he accumulated slime on the clinker which helps to keep the filter free from ponding.

Statements "C" and "D" give the results of working for 1941-42 and 1944-45, respectively.

64. The following general observations can be made in regard to this type of filters :—

(1) The load on such a filter must be very gradually increased, so as to give it time to mature. Without maturing the filter will not treat satisfactorily the expected flow. It may take as much as 12 months to reach maturity. This period can be considerably reduced if the filter is fed with effluent from an Activated Sludge Plant for about 4 weeks as was done at Dadar.

(2) The filter should not be worked continuously for 24 hours. It must be given a few hours' rest, every day. During the rest period both air and sewage must be completely shut down. At Dadar a rest period of 4 hours is found to be satisfactory.

(3) Ponding or choking is, to a certain extent, a seasonal occurrence. This takes place when the Psychoda Fly-breeding is very considerably reduced. Any little troble caused by 'ponding' at Dadar has been taken care of by the biological agencies. Ponding in such filters partly depends upon the type of filtering media and the way in which it is arranged in the filter.

(4) The Humus Tank provided is found to be inadequate for a flow of 1.5 million gallons per day. Its capacity must be adequately increased.

There is no doubt that this method of disposal is less costly than the activated sludge process in maintenance on account of the following :—

(1) Saving in the Power bill. About 15 B.H.P. per one million gallons are required for the filter against 25 to 30 B.H.P. required by the Simplex Process.

(2) Less attention is required as there are less mechanical parts to attend to.

(3) Less skilled supervision is required, because the filter is robust and not sensitive as the activated sludge process.

This method has the further advantage that it requires less space than the activated sludge process.

It is, however, difficult at this stage to state whether the capital cost involved in the installation of an additionl filter would be considerably less than that of the activated sluge plant.

All these points will be considered when revised estimates for the extension schemes sanctioned by the Corporation are taken in hand. The Corporation is being approached to sanction the installation of an additional unit of this filter as a part of the extension scheme, as there is no 'stand-by' unit and the filter does not work when it is thrown out of operation for inspection and minor repairs.

PUMPING STATIONS.

Love Grove Pumping Station.

65. The pumping station worked satisfactorily throughout the year. The average quantity of sewage pumped during the dry weather amounted to about 69.0 million gallons per day whilst during the monsoon period it amounted to 71.1 million gallons per day. The rate per million gallons of sewage pumped out during the preceding year worked out to about Rs. 6.45 whilst for the year 1944-45 the rate comes to about Rs. 6.70. The slight increase in the cost per million gallons of sewage pumped at the station was due to the defective working of the 180 K.V.A. static condenser and hence full advantage of power factor discount could not be realised. This condenser was replaced by a new one (of the same capacity), which was put into commission on 22nd December 1944 since when full benefit of power factor discount is being derived. Another static condenser of 100 K.V.A. capacity has also been purchased to serve as a stand-by. It cannot yet be put into operation, as its switch gear has not so far been received. The total expenditure for the year 1943-44 was Rs. 1,56,869, whilst for the year under report it amounted to Rs. 1,72,902.

Scheme for Sewage Purification Works at Love Grove.

The average height of the sewage in the detritus chamber continued to be maintained at R.L. 71′—7″ (T.H.D.). The detritus removed amounted to 4,484 tons as against 2,799 tons of the preceding year. Proposals for improved methods of increasing the precipitation of detritus are under consideration and will be included in the scheme for dealing with the problem of "Sewage Disposal" at the place. To deal with the increased quantity of sewage coming to Love Grove, the construction of an additional pumping station was sanctioned by the Corporation but its execution had to be held over for want of funds and also for abnormal conditions created by the war. Now that the war situation has improved, it is intended to take the construction of a pump house in hand next year as mentioned in the next paragraph.

66. The station is running short of 'pumping capacity.' The peak load flow is very much in excess of the capacity of the pumps and consequently surcharging of sewers continues for a great part of the day. Besides, the transformer available at the station is inadequate to allow more than 4 pumps to be run simultaneously. It is, therefore, absolutely necessary to go in for an additional transformer immediately and to put at least one additional pump of 45 million gallons per day capacity. This pump should be located in a new sump and should form part of the main scheme of sewage purification approved by the Corporation.

67. No damage was found to have been caused to the Love Grove Outfall during the year under report. The preparation of the detailed plans and estimates in connection with the Scheme for dealing with the problem of sewage disposal at Love Grove, which has been approved by the Corporation, could not be taken in hand as the prices of materials were fluctuating and no definite data as to prices could be obtained. The execution of the scheme has, therefore, to be postponed till after the war.

Matunga Pumping Station.

68. This station worked satisfactorily during the year. The Transformers erected at the station have been working satisfactorily and the total saving derived by installing the Transformers and Static Condensers amounted to Rs. 4,375.

The quantity of sewage pumped by the Station during the year was 2,261 million gallons and the total expenditure incurred on its maintenance amounted to Rs. 35,623.

Other minor pumping stations.

69. The pumps at the following places continued to be in operation. The approximate quantity of sewage pumped and the expenditure incurred during the year were as under:—

Names of Pumping Stations.		Approximate quantity of sewage pumped in gallons.	Expenditure during the year.
			Rs.
Poibawdi	...	191,904,000	4,285
Arthur Road	...	93,640,500	5,147
Sewri	...	215,673,000	4,665
Tank Bunder	...	280,305,000	6,513
Mahim	...	1,745,002,000	18,623
D. D. Chawls, Sewri	...	65,265,000	4,663
Wadala	...	78,705,000	4,357
Sion	...	29,730,000	2,340
Dharavi		347,070,000	3,512

70. The existing pumping capacity at Mahim and Matunga Pumping Stations is inadequate to cope with the peak load flows due to tremendous increase in the population in the areas served by the two stations. Steps will have to be taken early to provide additional pumping sets there at to deal with the peak load as well as average flows.

Jacob Circle Pumping Station.

71. The new pumping station at Jacob Circle started operation on 6th May 1944 and has been working satisfactorily and the expenditure booked during the year amounted to Rs. 19,065.

72. The Dadar Pumping Station continued to work more or less satisfactorily. The existing pumps at Dadar, owing to their defective construction, are required to be repaired off and on, and on account of this it becomes difficult to keep all of them in a working condition. The pumping units installed at this station are found to be inadequate to the increase in the area served by this Station. A pump of 3 million gallons per day capacity removed from the Matunga Pumping Station is being intstalled to increase the pumping capacity. Proposals for further increasing the pumping capacity at this station are under consideration.

Compressor Stations.

Victoria Gardens and Fergusson Road.

73. The electrically driven Air Compressor stations at the Victoria Gardens and Fergusson Road worked satisfactorily during the year under report. The electric units consumed at the two stations, together with the cost of current, were as follows—

Compressor Station.		No of units consumed.	Cost.	Average cost per unit.
			Rs.	As.
Victoria Gardens.	...	14,17,600	37,850	.427
Fergusson Road.	...	7,57,750	20,218	.427

The Static Condensers at these two stations continued to work satisfactorily and the saving effected there from during the year under review amounted to Rs. 10,457.

Warden Road Compressor Station.

74, The total number of units consumed by the Compressor and the Pump is 677,990, and the total cost thereof was Rs. 25,544 which works out to an average rate of .603 anna per unit. To increase the capacity of the Compressor station for dealing with the additional sewage owing to increased population, one noiseless slow speed compressor was proposed to be erected at the station but the same could not be secured to municipal requirements due to war conditions and as such the proposal has been dropped. However, it will have to be given priority after the return of normal times.

The Warden Road Auxiliary Pumping Station attached to the Compressor Station continued to work more or less satisfactorily. The sewage arriving at this stations has considerably increased and the two pumps of 500 gallons per minute capacity installed thereat are found to be inadequate to cope with peak load flow The station suffers considerably when one of the pumps is required to be shut down for inspection or repairs Proposals for increasing the pumping capacity of the station are under consideration.

Colaba Compressor Station.

75. The Air Compressor Station at Colaba worked satisfactorily during the year, the number of units consumed being 767,223 at a total cost of Rs. 20,676, giving an average rate of .431 anna per unit.

Ejector Station.

76. Out of the 23 ejector stations the ejector at Tank Bunder has been put out of commission since the working of the Tank Bunder Pumping Station. Great difficulty was experienced in working the remaining 22 ejector stations located in different parts of the City as most of them had served their useful life. Proposals for replacing some of them by pumping stations have been sanctioned by the Corporation, but their execution has been delayed due to the conditions created by the war.

Working.

77. Since the starting of the Jacob Circle Pumping Station, the Arthur Road ejector and the auxiliary pumping station thereat have been closed. The schemes for doing away with the ejectors at Fergusson and DeLisle Roads are in hand. It is likely that if conditions regarding availability of materials, etc., improve, the work of installing a pumping station at Church Street may be taken in hand next year.

78. Considerable inconvenience was caused to the public due to the overflow of seawage from sewers draining to ejector stations and also due to the bursts in the sealed sewage mains. Immediate steps were taken to repair the damage done.

79. The total expenditure incurred on the maintenance of Compressors and Ejectors amounted to Rs. 1,83,502 as against Rs. 1,70,398 during the preceding year.

Expenditure.

FLOOD GATES.

80. The automatic flood gates at Love Grove were thrown out of gear, as their flaps have corroded on account of sewage action. The work of replacement of flaps by suitable non-corrosive metal had to be delayed as such a metal is not readily available at reasonable price at present. Old flood gates, which were reinstated as stand-by, are now worked to serve the purpose.

The old flood gates at Cleveland Bunder have finished their useful life. It is therefore proposed to renew them by stages by providing funds in succeeding budgets.

The cost of maintaining the flood gates during the year amounted to Rs. 6,860.

Inspection of Factories, Workshops and Work-places.

81. The following table shows the number of new proposals for permits and licenses received and recommended, number of nuisance cases attended to and action taken under Section 392 of the Municipal Act:—

Inspection.

Ward.	New proposals for permits and licenses.		Recommended permits and licenses.		Factories working without permits.	Nuisance cases.	Notices issued under section 392.
	Permits.	Licences.	Permits.	Licences.			
A ...	18	1	18	1	...	3	*Nil.*
B ...	22	5	22	5	...	2	"
C ...	44	12	44	12	...	15	"
D ...	78	33	78	33	...	10	"
E ...	195	27	195	27	...	9	"
F ...	52	7	52	7	...	1	"
G ...	74	4	74	4	...	4	"
Total ...	483	89	483	89	...	44	...

The total number of permit and licence cases inspected and disposed of during the year 1944-45 was 572.

Nuisance cases were attended to and necessary steps taken.

Surprise visits were also paid to several factories to find out if these were permitted or otherwise.

The total number of cases inspected during the year 1944-45 was 616.

Each factory, workshop and workplace was inspected on more than three occcasions.

Motor Traction.

82. The expenditure under D.—Transport, I.—Inspection and Supervision, amounted to Rs. 20,156 during the year under report.

Expenditure on supervision.

83. There were 88 vehicles in commission and the expenditure incurred on their running during the year is given in the sub-joined statement.

Maintenance of vehicles.

No. of vehicles.	Description of cars and lorries.	Cost.
		Rs.
4	Inspection ...	16,151
3	Hearses ...	10,548
5	Ambulances ...	18,737
44	Refuse ...	4,50,725
9	Silt ...	25,795
4	Halalkhore ...	37,190
4	Encroachment ...	10,470
2	Offal ...	22,709
13	Meat ...	1,10,208

The vehicles are supplied with petrol, oil and grease during the day time. Due to war conditions, the prices of petrol and spare parts have gone up considerably and thus the cost of running and maintenance has increased.

Out of the 9 A.R.P. lorries purchased during the year 1942-43, two have been converted and are working in the Refuse Section, four more are being converted to be used for the work of removal of refuse and one is being fitted with a body to remove offal. The remaining two trucks are being used by the Officer Commanding Fire Services.

Refrigerator Plant at the Arthur Crawford Market.

84. This plant is now out of date and has passed its useful life. It requires to be replaced by a new one as early as possible, but owing to war conditions, the installation of a new plant had to be postponed till after the war.

GENERAL.

85. The maintenance cost of the pumping and compressor stations and also of the Dadar Sewage Purification Works has increased considerably due to the abnormal rise in the cost of materials, spare parts, etc., and also on account of longer working hours of the machinery necessitated by the increased population in the City.

86. Measures are under consideration to deal with the increased sewage consequent upon the increased water supply proposed to be brought into the City under the augmentation scheme and staff has been engaged to prepare schemes for enlarging and extending the drainage system. The original proposals already made in connection with the provision of additional pumping stations, etc., will have to be revised to fit inwith the proposals now under consideration and must form a part of the general scheme that would be eventually carried out consequent upon the introduction of increased water supply per capita to the City.

Income.

87. The income under IX.—Mechanical, Miscellaneous, Miscellaneous Receipts, which comprises sale proceeds of unserviceable materials, fees for hire of ambulances, sale of sludge gas from Dadar Purification Works amounted to Rs. 69,455 against the revised estimate of Rs. 65,000.

STATEMENT 'A'

Report on the Dadar Sewage Purification Works for the year 1944-45.

From 1st April 1944 to 31st March 1945.

(1) Sewage Treated ...	4,057.48 Million gallons.
(2) Grit removed ...	115,460 Cubic feet.
(3) Screenings removed ...	4,556 Cubic feet.
(4) Sludge to Consolidation Tanks ...	32,116,000 Gallons.
(5) Sludge to Digestion Tank ...	18,250,000 Gallons.
(6) Dry matter added to Digestion Tank ...	8,794,250 lbs.
(7) Volatile matter added to Digestion Tank ...	4,687,650 lbs.
(8) Digested Sludge removed ...	2,400,000 Gallons.
(9) Total Gas generated ...	22,907,920 Cubic feet.
(10) Gas per gallon of sludge added ...	1.26 Cubic feet.
(11) Gas per lb. of dry matter added ...	2.62 Cubic feet.
(12) Gas per lb. of volatile matter added ...	4.9 Cubic feet.
(13) Gas per 1,000,000 gallons of Sewage treated ...	5,850 Cubic feet.
(14) Total Electric consumption ...	921,450 K.W.H.
(15) Horse Power required per million gallons of sewage treated	12.98
(16) Total Expenditure ...	Rs. 1,24,692
(17) Analytical Data :—	

	Sewage.	Purified	Effluent
4 Hours Oxygen absorption	8.44	1.47	p.p.100,000
Suspended solids	47.27	2.54	,,
Dissolved oxygen	*Nil.*	0.165	,,
B. O. D.	269.9	16.23	P.P.M..

STATEMENT "B".

Five years summarised data of the Dadar Purification Works.

Particulars.	1940-41.	1941-42.	1942-43.	1943-44.	1944-45.
Sewage treated in million gallons ...	3,731.13	4,158.57	3,607.86	4,558.11	4,057.48
Grit and screenings removed in cubic feet	134,377	141.696	133,890	122,228	120,016
Sludge to Digestion Tank in gallons ...	18,250,000	18,250,000	18,250,000	18,020,000	18,250,000
Digested Sludge removed in gallons ...	2,650,000	2,600,000	2,300,000	1,700,000	2,400,000
Total gas generated in cubic feet ...	24,973,500	25,367,900	24,449,000	22,649,700	22,907,920
Electrical Units consumed K.W.H. ...	679,910	750,380	739,743	910,110	921,450
Electrical expenses ... Rs.	21,113 8 0	23,189 0 0	31,525 0 0	40,090 0 0	38,405 0 0
Total cost of maintenance ... Rs.	66,629 0 0	69,178 0 0	89,338 0 0	1,24,834 0 0	1,24,692 0 0
Gas supplied to K. E. M. and other hospitals and Institutions and staff quarter. cu. ft. ...	5,257,100	5,253,600	6,537,200	7,929,600	10,142,450*
Income from— Gas supplied to K.E.M. and other hospitals various institutions and staff quarters.	15,771 0 0	16,059 12 0	20,057 5 0	24,234 0 0	30,357 3 0

* This figure excludes gas utilised on gas compressor station or running the lorry on gas which is 1,067,400 cubic feet.

DADAR PURIFICATION WORKS.

Pruss Filter Data for the year 1944-45.

Statement 'C'

All results in parts per 1,00,000 except B.O.D. in p.p.m.

Table. No 4.

MONTH.	APRIL 1941		MAY 1941						JUNE 1941				JULY 1941				AUGUST 1941				SEPT. 1941		OCTOBER 1941		NOVEMBER 1941		DECEMBER 1941				JANUARY 1942		FEBR…
	From 24th to 30th		From 1st to 6th		From 7th to 22nd		From 23rd to 31st		From 1st to 16th		From 17th to 30th		From 1st 22nd		From 23rd to 31st		From 1st to 7th		From 8th to 31st		From 1st to 30th		From 1st to 31st		From 1st to 30th		From 1st to 14th		From 15th to 31st		From 1st to 31st		From 1…
…rticulars.	*Influent	Effluent	*Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	*Inuent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influen…
…nded Solids.	2,56	1.42	2.16	0.60	14.3	2.08	14.2	2.97	15.1	3,70	15.0	4.1	13.2	2.57	1.44	1.59	2.12	1.55	18.8	3.99	18.7	3.15	18.95	2.06	18.1	1.83	25.7	2.53	26.2	3.8	25.9	5.14	25.2
…Ins. Oxygen …s.	...	...	0.53	0.37	...	0.67	...	0.74	...	0.80	...	0.95	...	0.50	0.47	0.32	0.57	0.36	...	0.93	...	0.64	...	0.36	...	0.57	...	0.67	...	0.76	...	0.86	...
…rs. Oxygen A G.S	1.40	1.13	1.32	0.88	4.66	1.51	4.73	2.03	4.39	2.09	4.7	2.33	3.52	1.35	1.22	0.83	1.5	0.98	5.28	2.26	5.12	1.72	4.92	0.93	5.44	1.30	6.07	1.47	5.65	1.50	6.09	2.07	6.46
…hemical Oxy-…en Demand …P.M. ...	18.4	10.8	14.1	3.9	151.1	14.1	180.0	34.5	155.8	33.5	195.3	63.4	143.7	32.4	9.8	6.9	19.6	6.3	194.3	43.8	193.1	20.7	173.1	18.3	182.5	19.4	204.1	31.4	231.8	36.9	262.5	36.1	280.5
…c Alkalinity.	1.60	2.4	1.1	2.2	4.0	4.0	2.77	2.02	2.67	0.97	1.10	1.10	0.65	0,48	1.42	1.25	2.2	2.2	0.52	0.50	...	0.07	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
…Alkalinity...	35.1	29.2	35.2	29.4	...	34.4	...	33.6	...	30.5	...	30.4	...	28.0	28.9	24.1	26.3	24.0	...	26.8	...	24.5	...	18.3	...	22.2	...	23.9	...	23.5	...	27.3	...
…ides ...	35.4	40.8	28.6	30.0	...	31.5	...	31.7	...	23.1	...	22.2	...	18.9	26.5	25.7	24.6	24.4	...	21.9	...	24.9	...	31.5	...	41.0	...	46.3	...	46.9	...	45.2	...
…Nitrogen ...	0.77	0.28	0.94	0.07	1.33	0.47	1.24	0.82	1.11	0.80	1.05	0.88	0.85	0.50	0.47	0.05	0.43	0.041	1.01	0.54	1.02	0.53	1.23	0.20	1.56	0.55	1.69	0.74	1.74	1.03	1.81	1.04	1.63
…minoid …trogen ...	0.18	0.11	0.20	0.08	0.55	0.14	0.41	0.17	0.43	0.25	0.46	0.26	0.31	0.14	0.08	0.026	0.12	0.06	0.44	0.18	0.33	0.12	0.47	0.07	0.55	0.12	0.48	0.12	0.51	0.17	0.52	0.14	0.55
...	0.018	0.195	0.003	0.012	Nil.	0.087	Nil.	0.029	Nil.	Nil.	Nil.	0.003	Nil.	0.032	0.028	0.042	0.023	0.048	Nil.	0.014	Nil.	0.063	Nil.	0.077	Nil.	0.088	Nil.	0.10	Nil.	0.10	Nil.	0.022	Nil.
	Nil.	0.53	Nil.	0.79	Nil.	0.084	Nil.	0.15	Nil.	Nil.	Nil.	0.004	Nil.	Nil.	Nil.	0.254	Nil.	0.29	Nil.	Nil.	Nil.	0.113	Nil.	0.30	Nil.	0.39	Nil.	0.32	Nil.	0.09	Nil.	0.09	Nil.
…d Oxygen.	0.19	0.60	0.18	0.61	Nil.	0.26	Nil.	0.14	Nil.	0.14	Nil.	0.11	Nil.	0.17	0.19	0.52	0.14	0.49	Nil.	0.06	Nil.	0.14	Nil.	0.35	Nil.	0.32	Nil.	0.23	Nil.	0.20	Nil.	0.14	Nil.
	8.5	8.6	8.1	8.3	8.3	8.2	...	8.1	...	8.2	...	8.0	...	7.9	8.2	8.3	8.2	8.4	...	7.3	8.0	8.0	...	8.0	...	7.7	...	8.2	...	8.0	...	7.8	...
…ge Purifi-…on—																																	
… Oxygen …bs.	...		...		67.6		57.90		52.4		50.50		61.66		...		...		57.2		66.5		81.10		76.1		75.8		73.5		66.90		
…D. ...	...		...		90.7		80,84		78.5		67.54		77.5		...		...		77.5		89.3		89.5		89.37		84.6		84.1		86.3		
…minoid …ogen ...	...		...		74.6		58.5		41.9		43.5		54.8		...		...		59.1		63.7		85.1		78.2		75.0		66.7		73.1		
…Flow— …. ...	0.75		0.75		1.00		2.00		2.00		1.60		1.00		0.75		0.75		0.50		0.50		0.50		0.50		0.50		0.75 and		0.50	on alternate	days
…f Rest— per day.	4		4		Weekly rest for 2 hours.		3		3		3		3		1		1		4		4		4		4		4		4		4		

*Influent.—Influentwith asterisk mark indicates Simplex Purified Effluent. Otherwise, Influent indicates settled Sewage.

From 10th February 1942 to 31st March 1942, Pruss Filter not working due to mechanicaf trouble.

STATEMENT "D"

Analysis of Average Samples of Influent and Purified Settled Effluent of the Pruss Filter Plant, Dadar, results in parts per 100,000.

Particulars.	April 1944.		May 1944.		June 1944.		July 1944.		August 1944.		September 1944.	
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
(1) Suspended Solids ...	18.5	5.1	18.4	2.57	14.6	3.9	11.45	3.14	12.3	1.42	15.3	2.36
(2) Oxygen Absorbed in 3 minutes ...	...	0.55	...	0.65	...	1.18	...	0.50	...	0.32	...	0.49
(3) Oxygen Absorbed in 4 hours ...	4.98	1.80	5.73	1.77	5.38	2.18	3.04	1.27	3.25	0.80	4.91	1.23
(4) B.O.D. (at 370C for 5 days) P.P.M. ...	208.2	23.4	180.9	14.7	161.9	32.3	104.1	21.4	98.8	6.5	11.57	14.8
(5) Alkalinity ...	...	24.62	...	24.3	...	25.4	...	20.8	...	20.19	...	21.5
(6) Chlorine as Chloride...	...	25.2	...	22.8	...	22.8	...	8.3	...	8.2	...	16.1
(7) Free Nitrogen ...	1.45	0.92	1.30	0.51	1.33	0.77	0.72	0.33	0.70	0.21	1.02	0.43
(8) Abuninoid Nitrogen.	0.52	0.18	0.52	0.16	0.53	0.19	0.41	0.09	0.38	0.13	0.51	0.14
(9) P. H. ...	...	7.8	...	8.0	...	8.1	...	7.7	...	8.1	...	8.0
(10) Nitrite ...	...	0.015	...	0.095	...	0.034	...	0.035	...	0.09	...	0.08
(11) Nitrate ...	...	0.09	...	0.237	...	0.08	...	0.10	...	0.23	...	0.12
(12) Disolved Oxygen ...	...	0.04	...	0.19	...	0.07	...	0.16	...	0.38	...	0.26
(13) Rate of flow M.G.D..	1.5		1.0		1.0		1.0		1.6		1.5	
(14) Forced Air Hours ...	...		20		22		22		22		22	
(15) Period of Rest Hours.	4		4		2		2		2		2	

Particulars.	October 1944.		November 1944.		December 1944.		January 1945.		February 1945.		March 1945.	
	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
(1) Suspended Solids ...	16.5	4.8	20.2	4.8	20.2	5.46	21.24	4.44	20.4	3.2	20.1	3.99
(2) Oxygen Absorbed in 3 minutes ...	...	0.75	...	0.89	...	1.14	...	0.84	...	0.70	...	0.69
(3) Oxygen Absorbed in 4 hours ...	4.60	2.04	5.20	2.26	6.58	2.83	5.80	2.14	5.32	1.72	5.55	1.9
(4) B.O.D. (at 370C for 5 days) P.P.M. ...	149.3	40.9	171.3	32.7	194.5	28.6	218.9	16.8	207.9	14.0	262.4	28.3
(5) Alkalinity ...	...	27.7	...	27.9	...	26.4	...	23.4	...	22.9	...	27.9
(6) Chlorine as Chloride...	...	18.3	...	23.1	...	16.9	...	21.2	...	20.2	...	27.4
(7) Free Nitrogen ...	1.01	0.93	1.30	0.87	1.51	1.10	1.42	1.08	1.66	0.89	1.63	1.00
(8) Abuninoid Nitrogen.	0.47	0.24	0.58	0.23	0.64	0.24	0.57	0.20	0.56	0.15	0.66	0.22
(9) P. H. ...	...	7.8	...	7.8	...	7.8	...	7.7	...	7.7	...	7.7
(10) Nitrite ...	...	0.005	...	0.008	...	0.041	...	0.07	...	0.05	...	0.11
(11) Nitrate ...	...	0.007	...	...	...	0.008	...	0.16	...	0.27	...	0.14
(12) Disolved Oxygen ...	...	0.11	...	0.09	...	0.05	...	0.23	...	0.25	...	0.17
(13) Rate of flow M.G.D..	1·5		1.5		1.5		1.5		1.5		1.5	
(14) Forced Air Hours ...	22		22		20		20		20		20	
(15) Period of Rest Hours.	2		2		4		4		4		4	

V.—WORKS BRANCH.

88. The Works Branch consists of the following Sections :—

I.—Construction Section.—Deals with the construction of new roads, footpaths, storm water drains and sewers and supervises the working of the Asphalt Plant, Quarries and Crushers.

II.—Maintenance Section.—Deals with the repairs and maintenance of carriage ways, footpaths road-side trees, statues, etc., lighting of streets and carrying on minor works of street connections, adding set backs to roads, repairs to trenches opened in roads by Public Utility Companies, etc.

III.—Drainage Section.—Deals with the cleaning and maintenance in good repair and working order all the s. w. drains, sewers, etc, with their accessories. The work of this Section has been placed for the present under the Mechanical Engineer.

IV.—Design Section.—Prepares of drawings and estimates of the various works to be done by the three Sections mentioned above. This Section also deals with the improvement of private streets.

I.—Construction Section.

Works.

89. The works carried out by this section during the year out of funds provided in Budget A and Budget 'B' are given in the attached Statements marked A, B, C, D and E. The total expenditure incurred upto the end of the year on the construction of roads, footpaths, storm water drains, sewers and other miscellaneous works amounted to Rs. 5,30,019, out of which works costing Rs. 4,92,183 were carried out departmentally and the remaining costing Rs. 37,836 were carried out by contract.

Asphalt Plant.

90. The Asphalt Plant continued to be closed during the whole year on account of the non-availability of the quality of asphalt required for the work. About 600 tons of as halt penettraion was released at the end of the year by the Tar and Bitumen Advisory Committee and consequently arrangements are being made to start the Asphalt Plant early next year (1945-46). The total expenditure incurred during the year for keeping the Plant and the special rollers required for rolling asphalt carpets in good working condition amounted to Rs. 17,439-10-0. In addition to this, an expenditure of Rs. 1,24,196-8-0 was incurred at the end of the year for purchasing stock of asphalt released by Government. The value of materials on hand at the close of the year was Rs. 1,32,654-14-0.

Crushers.

91. Owing to the improvement in the quantities of released cement and asphalt (suitable for grouting work), crushed metal was in demand in large quantities and to cope with this demand, on an average, four crusher units had to be worked during the year, two at Worli and two at Sewri. The labour required for running the Crushers at the places was engaged by contract at the rates of Rs. 3-10-0 and Rs. 4-6-0 per 100 C.ft. of rubble crushed at Worli and Sewri, respectively. The rates paid included changes for removal, screening and loading. The rubble required for Sewri Crusher was purchased from Mr. Enus Kondaji at the rate of Rs. 18-8-0 per brass and that for Worli Crushers was taken from the Municipal stock lying in the Ex-Trust Schemes Nos. 52 and 58 at the rates of Rs. 6-4-0 and Rs. 12-4-0 per brass respectively, inclusive of transport charges. The total out put of the Crushers at the two places during the year was as follows —

Kind of metal.	Worli Crushers C.ft.	Sewri Crushers C.ft.	Total C.ft.	Rate per 100 C.ft.
				Rs.
1½" Metal	1,38,550	7,770	1,46,320	22
1" Metal	59,000	1,945	60,945	24
½" ,, ...	58,050	98,628	1,56,678	26
Grit ⅜",, ...	26,700	22,955	49,655	26
Grit and Dust	41,516	90,456	1,31,972	20
Fine Grit	...	66	66	24
Stone dust filler	...	765	765	15per ton
Crusher run	78,600	31,040	1,09,640	24
Dust	...	3,005	3,005	10
Total ...	4,02,416	2,56,630	6,59,046	

The value of stock on hand at the end of the year at the Worli and Sewri Crushers was Rs. 12,437-0-0 and Rs. 25,657-0-0, respectively.

92. The following table gives the financial results of the working of the crushers :—

	Debit.	Credit.	Net gain or loss.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) Worli Crushers	70,418 12 0	1,03,618 5 0	33,199 9 0 (Profit)
(2) Sewri Crushers	1,72,284 12 0	1,42,825 3 0	29,459 9 0 (Loss)

The loss on the working of the Sewri Crushers was mainly due to the high cost of the rubble required to be purchased from the contractors.. Besides, the average rate of rubble was taken as basis, so as to have a uniformity of rates of metals at both the Crushers. The average cost being much more than the actual cost, the expenditure at Sewri Crushers was mu h more, with the result that there was a loss as aforesaid, which would be wiped out from the profit on the working of Worli Crushers.

II.—Maintenance Section.

Repairs and Maintenance of Roads and Footpaths.

93. The total mileage of roads in the City at the close of the year was approximately 264.705 miles. The classification of roads and footpaths showing the mileage and areas to be maintained and the expenditure incurred in maintaining them during the year is given in Statement F. In all 438,172.43 square yards were repaired during the year at a total cost of Rs. 6,28,655-12-0. Besides Rs. 13,494-3-0 were spent on the improvement of katcha footpaths

in the City. The following additional expenditure was also incurred on patching, overhead and other miscellaneous charges:—

		Rs.	a.	p.
General Charges	... ...	76,971	8	0
Over-head Charges	... ...	45,655	11	0
Miscellaneous Charges	... ...	9,028	3	0
Ordinary patching	... ...	23,940	11	0
B. C. Patching	... ...	1,71,620	5	0
	Total Rs. ...	3,27,216	6	0

The portions of Jerbai Wadia Road treated with shalimar tar in September 1942 and July 1943 as an experimetal measure which were kept under observation during the year, showed signs of wear and tear, the first portion requiring some repairs.

Capital Roads.

94. (*a*) *Repairs.*—Roads treated with permanent mode of construction were repaired in part at a total cost of Rs. 1,56,928 covering an area of about 77,181 square yards.

(*b*) *Renewal.*—The works carried out from the Renewal of Road surface Fund are given in Statement 'G'. This shows an improvement over the previous year due to improvement in the release of cement.

Repairs to Ex-Trust Roads

95. The expenditure incurred in maintaining Katcha roads taken over from the Ex-Improvement trust and the side trees thereat amounted Rs. 89,206 and Rs. 4,091 respectively.

96. The following roads were constructed undrer Improvement Schemes and taken over for maintenance during the year.

Name of road.		Length in R.ft.
(1) Road No. 32A	... ...	342
(2) Road No. 10, Scheme 57	... ...	410
(3) Road No. 1 do.	... ...	695
(4) Road No. 1A do.	... ...	305
(5) Road No. 14A do.	... ...	1,276
	Total ...	3,376 R.ft.

Road Watering.

97. All water-bound roads and kutcha footpaths comprising an area of 88,025 square yards were watered twice a day during the dry season and the expenditure incurred thereon amounted to Rs. 11,215-12-0.

Traffic Amenities.

98. *Refuge Islands.*—During the year, the following refuge and traffic islands were constructed permanently at Municipal cost except the one at the junction of Bhawanishankar Road and Dadar Road, the cost of which was met out of the donation paid by Mr. Palan Sojpal.

Locality.		Cost. Rs	a.	p.	Remarks.
(1) Warden Road junction Gowalia Tank Road	... ...	641	11	0	
(2) Forgett Street junction Tardeo Road	... ...	532	9	0	
(3) Tilak Bridge	... ...	4,233	9	0	Incomplete.
(4) Bhawanishankar Road and Dadar Road	... ...	...			Rs. 1,455 aid by private parties as donation.
(5) Fort Street	... ...	717	13	0	
(6) Arthur Road junction Parel Chawl Road	... ...	411	15	0	Incomplete.

Road side trees.

99. (*a*) *Replacement and plantation of new trees.*—The total number of roadside trees planted in the City during the year was approximately 760 at a total cost of Rs. 9,020. Out of this 146 were planted on roads on which no trees existed as detailed below and the rest for replacing casualties.

Name of road.	No. of trees.	Species.	Cost. Rs.	a.	p.
(1) DeLisle Road (opposite B.D.D. Chawl) ...	35	Takla ...	1,012	0	0
(2) Ranade Road Extension between Gokhale Road and Lady Jamshedji Road	45	Cassra Siamia ...	1,301	0	0
(3) Portuguese Church Street Gokhale Road to Kashinath Dhuru Street	20	Coldmohur ...	578	7	0
(4) Mahim Causeway	30	Casurina ...	895	4	0
(5) Katrak Road	16	Karanj ...	480	0	0
Total ...	146		4,266	11	0

(*b*) *Maintenance.*—240 Old trees had to be cut down as they had either perished or were unsound. 45 trees were uprooted by stormy winds during the monsoon, but fortunately no Injury or damage was there by caused to person or property. The total expenditure incurred on the maintenance of roadside trees during the year amounted to Rs. 6,771-6-0.

As a result of the explosions of 14th April 1944, about 90 trees were destroyed by fire. The cost of removing the damaged trees and planting new trees in their places was estimated at Rs. 3,900 and included in the total claim against Government in this connection.

Benches.

100. The total expenditure incurred on repairing and maintaining the existing benches at various places amounted to Rs. 289-6.

101. No new street-name-plates or poles were purchased during the year owing to their prohibitive cost. The expenditure incurred on repairing and maintaining the existing name-boards amounted to Rs. 463-14-0.

Street Name Boards.

102. The statues and public monuments in charge of this department were periodically cleaned and maintained in a tidy condition. The total cost incurred for the same during the year amounted to Rs. 2,403-5-0.

Upkeep and Maintenance of Public Statues.

103. The cost of setback lands acquired in the different parts of the City amounted to Rs. 13,237-11-0 inclusive of the cost of incidental works such as shifting tram poles, electric cables, gas or electric lamps, etc. The total area thus added during the year was 4,216 square yards.

Widening of roads consequent upon acquisition of setbacks.

104. (1) 40 works were carried out for other Municipal Departments at a total cost of Rs. 56,431-0-0.

Private and departmental works.

(2) 85 works were carried out for various private parties at a total cost of Rs. 48,370.

105. The total number of road rollers in charge of this Department was 26 out of which 22 were steam driven. 6 of these rollers were meant for sheet asphalt work, but were lying idle as no asphalt work could be carried out during the year for want of asphalt. The total expenditure on the repairs and maintenance of the rollers inclusive of establishment charges during the year amounted to Rs. 72,216.

Road Rollers.

106. The total number of lorries and trucks in the Road Department Motor Transport was 21 and 8, respectively. The mileage done by the lorries and trucks for works Branch and other departments for the transport of materials was 2,84,119 and 57,979 miles respectively, the total mileage being 3,42,098 miles. The rates charged to various departments for 4-5 ton lorries were annas eight per mile for the first eight months and annas nine per mile for the remaining period and for 1-1½ ton trucks annas six per mile for the first eight months and annas seven per mile for the remaining period. A flat rate of Rs. 3-4-0 per brass was charged for transporting metal from the Municipal Crushers to any part in the City for the first eight months and Rs. 3-8-0 per brass for the remaining period and a rate of Rs. 2-0-0 per brass was charged for hauling rubble to Worli Crushers from the Municipal stock lying in the Ex-Trust Schemes for the first eight months and Rs. 2-4-0 per brass for the remaining period. A rate of Rs. 1-8-0 per ton for the transport of cement from various goods yards, docks and bunders to the Municipal Central Stores including loading, unloading and stacking for the first six months and Rs. 2-8-0 per ton for the remaining period.

Motor Traction.

The total expenditure on the working of the lorries and trucks during the year amounted to Rs. 1,82,962 and the charges realised from the various departments for the work done on their account amounted to Rs. 1,77,957.

107. (*a*) *Opening Roads and Footpaths.*—During the year 164 permits were issued for excavation of roads and footpaths. The cost of re-instating the disturbed surface was, in all instances charged to the respective permit holders.

Permits.

The following return shows the department, or other concerns responsible for such openings and give lengths in running feet and areas in square feet of the trenches restored. The trenches were repaired at a total cost of Rs. 1,96,288-2-0 which was borne by the parties concerned:—

Departments.	Length of trenches restored in R.ft.	Area in sq. ft.	Cost.
(1) Water Department	56,795	1,23,953	89,578 13 0
(2) Drainage Department	6,144	17,505	11,301 0 0
(3) Bombay Gas Company, Ltd.	13,588	33,616	21,656 5 0
(4) Divisional OHcer, Telephones, Bombay ...	2,747	5,280	7,299 15 0
(5) The Bombay Electric Supply and Tramways Co., Ltd....	4,156	7,334	4,910 6 0
(6) Government Posts and Telegraphs Department ...	4,309	16,259	9,065 13 0
(7) Andhra Valley Power Supply Co., Ltd. ...	1,110	3,330	1,940 8 0
(8) Miscellaneous Agencies	15,324	16,259	43,014 13 0
(9) Construction Section	50	115	106 4 0
(10) Tata Hudro Electric Pow(Supply Co. ...	198	594	243 4 0
(11) Mechanical Engineer's Department	845	1,134	7,165 1 0
Total ...	1,05,266	2,25,379	1,96,282 2 0

The total amount of road opening fees recovered during the year amounted to Rs. 1,007.

(*b*) Action under Section 322(*c*) of the Municipal Act was taken to prevent unauthorized occupation of roads with building materials. 114 Notices were served for contravening the provisions of this Act.

Fees were recovered for the use of roads for stacking building materials and putting up scaffoldings. The total receipts under this head amounted to Rs. 9,832-1-0 for 502 permits.

(c) Temporary lettings of road side lands and portions of footpaths:—

Ground rents recovered on account of temporary lettings of roadside lands and footpaths for the erection of petrol tanks and pumps and other miscellaneous occupations, amounted to Rs. 22,076-9-0. This amount was exclusive of the rent for the tramway tracks which amounted to Rs. 66,944-2-0.

(*d*) The following table gives the number of permits issued for other purposes and the receipts recovered therefrom:—

Particulars.	No. of permits issued.	Receipts.
		Rs.
(1) Temporary erection of Mandaps	187	2,703
(2) Placing chairs and benches	685	1,944
(3) Holi Festival (free)	82	(Free)
(4) Moharrum Festival (Free)...	124	(Free)
Total ...	1,078	46,47

108. No additions were made to the total length of the tramtracks in the City during the year, the existing total length of double tracks being 26.70 miles and single tracks 2.42 miles.

Tramways.

In accordance with Corporation Resolution No. 4313, dated the 7th October 1915, the following information regarding the rolling stock has been obtained from the B. E. S. & T. Co., Ltd., for the year under report:—

Type of cars.			Number owned.	Seating in each.	Total seating.
Single deck bogie	...	... ...	1	56	56
Do. do.	...	... ...	28	60	1,680
Double deck bogie	...	... ...	41	104	4,264
Do. do.	...	... ...	18	96	1,728
Do. do.	...	... ...	1	92	92
Do. do.	...	... ...	1	86	86
Do. do.	...	... ...	13	110	1,430
Do. do.	centre entrance	... ...	5	94	470
Do. do.	,,	... ...	17	104	1,768
Do. do.	,,	... ...	1	100	100
Single truck trains	...	... ...	52	70	3,640
Do. do.	...	... ...	92	78	7,176
Do. do.	...	... ...	2	74	148
Do. do.	Market specials	... ...	1	66	66
Do. do.	,,	... ...	3	74	222
Light Trailers.	...	... ...	30	72	2,160
		Total ...	276+30 Trailers.		25,086

No tramway shelters were erected during the year. However 19 Bus queue barriers without roofs and 6 with roofs were provided at different bus-stops in the City.

109. *Public Street Lighting.*—The public street lighting consists of gas, electric and incandescent kerosene oil lamps.

The total number of street lamps in the City at the end of the year was 10,838 which exceeded the corresponding figure for the previous year by 13. The details of different types of lamps are as under:—

Total No.	Low Pressure Gas Lamps.							High Pressure Gas Lamps.				Electric lamps of different types.	Incandescent oil lamps.
	Hexagonal.	Bombay.	Littleton	Rochester.	London.	Traffic direction lampsat traffic islands.	G Type pattern lamps.	Keith.	Suggs.	Metro Supervia No. I.	Metro Supervia No. II.		
No.	4,055	321	3,621	514	10	108	26	40	8	53	2	1,919 **	161

** Besides these, there are 23 Policeman's spot-lights and 12 other lamps on railway foot-overbridges at Chowpatty, Byculla and Dadar maintained by the Public Lighting Department.

The candle power of gas lamps varies from 70 to 4000 and of electric lamps from 40 watts to 500 watts. There is one lamp of 1500 watts at Sandhurst Bridge.

The following statement shows the total candle-power of lamps, the energy consumed by them during the year and the expenditure incurred on account of maintenance etc. On an average 4,10,475 cft. of gas and 3,816 (K. Watts H.) Units of electricity were consumed per day, as against 4,48,246 C.ft. of gas and 3,563 (K. Watts. H) Units of electricity of the previous year.

Kind of Lighting.	Candle Power.	Total Consumption of energy. during the year	Expenditure for Lighting and Maintenance.
			Rs.
Gas	20,76,135	14,98,23,300 C. ft.	4,86,403
Electric	3,88,828	13,92,960 K. Watts. Hours	2,64,668
Incandescent Oil ...	96,600	......	43,276

An additional expenditure of Rs. 21,651 was incurred on the following items:—

		Rs.
(1)	Erection of new lamps	1,089
(2)	Repairs and Maintenance	20,460
(3)	Miscellaneous	102
	Total Rs. ...	21,651

Maintenance of Port Trust Wharves and Roads.

110. As usual Rs. 1,60,550 and Rs. 43,680 were paid to the Bombay Port Trust on account of maintenance and lighting of wharves and roads in their charge by adjustment against the amount due from them in respect of the general tax for the year under report.

III DRAINAGE SECTION.

111. (*a*) Works of repairs and alterations to drains and sewers including removal and replacement of 152 manhole frames and covers, lamp holes, water entrances etc. 112 gratings of water gullies 54 vent shafts and shifting of water entrances for providing better facilities for cleaning operations wherever necessary were carried out at a total cost of Rs. 17,086.

Repairs and maintenance

(*b*) **Cleaning operations.**—The details of sewers and storm-water drains, etc., cleaned during the the year are given below :—

Particulars.	Mileage as per last year's report.	Increase during the year.	Total mileage at the end of the year.	Mileage cleaned.	Silt removed. Tons.
Pipe sewers	206.17	.60	206.77	114.11	4660.28
Ovoid sewers	17.18	...	17.18	11.72	2146.29
Storm water drains	208.59	.66	209.25	12.38	5627.97

Water Courses.—The water courses were cleaned from time to time

Catchpits.—40 catchpits on ovoid and pipe sewers were cleaned and the silt removed was 4,674.72 tons.

Water Entrances.—16,303 water entrances icluding perforated stones were cleaned and opened and closed before and after monsoon. No new water entrances could be procured to replace the old type perforated ones owing to scarcity of materials.

Street Connections.—490,12 street connections were cleaned during the year.

(*c*) **Biological Installation at Banganga.**—This installation was kept in working order during the year at a cost of Rs. 3,256

(*d*) **Ventshafts.**—953 ventshafts on pipe sewers, etc., were kept in working order.

(*e*) **Cleaning and Maintaining Open storm water channels.**—The cleaning and maintenance of these channels were carried out at a total cost of Rs. 4,560 Silt removed from these channels was 3,155.55 tons.

(*f*) **Relieving arches at Falkland Road.**—One complete arch and 14 pillars were constructed during the year, as the remaining work could not be completed due to high level of sullage.

(*g*) **Extra-ordinary repairs.**—Extraordinary repairs due to break-downs in the old sewers and storm water drains were carried out at a total cost of Rs. 3,425.

(*h*) **Sluices.**—27 Sluices were operated and maintened at a total cost of Rs. 682.

(*i*) 49 deep sullage drains attached to private premises formerly looked after by Health Department were taken over for Main cleaning and maintenance and they were attended to from time to time at a total cost of Rs. 10,258.

FLOODING.

112. In order to minimise discomfort and inconvenience caused to the public by flooding of the low lying areas of the City during the monsoon, arrangements were made to post men in certain lowlying areas for 24 hours during the monsoon to remove kutchra from water gullies, to open out manholes, etc. The whole arrangement was supervised by two additional Inspectors and it proved to be effective. It is proposed to make similar arrangements every monson till a battery of pumps is installed for pumping storm water from the open channels when their ends get tide-locked.

EXPLOSION.

113. The explosion of 14-4-1944 in the Docks area, caused damage to Municipal drains and 15 ventshafts. Minor damages to the drains have already been made good. The ventshafts will be re-erected after the buildings in the locality are rebuilt.

NEW WORKS.

114. (*a*) 7 Manholes over s. w. drains were constructed during the year at a total cost of Rs. 1,384.

Permanent Manholes over s. w. drains.

(*b*) No vent shafts over the s.w. drains were provided during the year as the required materials were not available.

Providing Vent shafts over s. w. drains.

115. Departmental and private works amounting to Rs. 20,339-11-0 (Departmental work Rs. 16,293-4-0 and private works Rs. 4,046-7-0) were carried out during the year, at the cost of various Municipal departments and private parties.

Departmentol and Private Works.

IV—DESIGN SECTION.

116. The following statement shows the work done by the Design Section during the year 1944-45:—

Number of Estimates prepared.	Amounts of estimates.	Number of estimates revised.	Amount of Revised Estimates.	Number of estimates checked.	Amount of Estimates checked.
354	Rs. 69,92,128	181	Rs. 41,46,984	207	Rs. 4,85,251

205 tracings of roads and drainage works were prepared and 4872 blue prints were taken out during the year.

The Survey Sheets are being maintained with up-to-date information regarding sewerage works, street connections and other miscellaneous works.

117. No action under Section 305 or 377 (1-A) was taken for the improvement of private streets during year under report in accordance with the general policy laid down by the Standing Committee under Resolution No. 1040, dated the 23rd October 1940. The works

Improvement of Private Streets.

noted below were carried out departmentally during the year at the cost of the frontagers under the provisions of Section 489 of the Municipal Act:—

Name of the Street.	Total expenditure booked during the year.
(1) Private street off New Parbhadevi Road	65 10 0
(2) Private streets in Matarpakhadi Oart	7 14 0
Total Rs. ...	73 8 0

Recoveries of expenditure were made from the house-owners concerned. In 2 cases claims aggregating to Rs. 1,272-8-0 were declared "Improvement Expenses" with the approval of the Works Committee under Section 494 of the Municipal Act and steps were taken to effect recoveries from the tenants of the properties under Sections 495 and 496 of the Act. In two cases action was taken under Section 498 against the tenants concerned for failing to pay their respective instalments under Section 495.

The total expenditure on the improvement of private streets during the year amounted to Rs. 3,034 inclusive of interest amounting to Rs. 2,961 and the recoveries (including interest) made from the house-owners amounted to Rs. 4,870-7-0.

The amendments of certain sections of the Municipal Act referred to in my previous report are still under the consideration of the Corporation.

GENERAL.

118. *Roads.*—Several roads in the City were steadily deteriorating since the commencement of hostilities owing to lack of proper repairs and renewals due to non-availability of essential road making materials. The Asphalt Plant has to be kept entirely closed for want of asphalt and consequently no renewal of asphalt carpet surfaces of several Capital roads in the City, though long overdue for renewal, could be effected. In spite of heavy traffic, both military and commercial, the roads were, kept in a passable condition in the dry season by patching and surface dressing. But the limit was reached during the last monsoon, when it rained incessantly for some days, giving rise to a large number of potholes throughout the length of such roads in the City. The total area of these potholes was roughly over one lakh square yards which had to be attended to with all expedition. The grants sanctioned for road maintenance being inadequate to meet this heavy unexpected expenditure, additional grants aggregating to Rs. 4,68,000 were sanctioned by the Corporation under their Resolution No. 501, dated the 18th September 1944.

119. Considerable damage was caused to the roads, roadside trees, street lamps and other municipal properties in the vicinity of the Docks due to the explosion and fires that took place on 14th April 1944. The cost of making good this damage was estimated at Rs. 3,88,506 as detailed below:—

	Rs.	a.	p.
(1) Repairs to roads and footpaths in the affected area	3,58,502	0	0
(2) Repairs to street lamps	19,281	6	6
(3) Repairs to south retaining wall of the west approach of Masjid Bunder Bridge.	3,223	0	0
(4) Providing and fixing street name boards	3,600	0	0
(5) Removing damaged Road-side trees and providing new ones in their place ...	3,900	0	0
Rs. ...	3,88,506	0	0

120. *Footpaths.*—There is still a very large area of kutcha footpaths which require, to be paved. The area of kutcha footpaths at the end of the year 1944-45 was about 341 752 square yards. The policy followed in the case of footpaths falling within Ex-Improvement Schemes is to pave them with blue stones, in front of built up plots. In the case of other footpaths, which have been broadly classified into two groups, *viz.*, a those in industrial areas and those in residential areas, the treatment is different. The footpaths in industria zones are paved with blue stone and those in residential areas are paved with cement concrete either precast or laid in situ. The estimated cost o paving all the footpaths sanctioned as per Standing Committee Resolution No. 693, dated the 30th September 1936 is Rs. 17.87 lakhs and at the rate of one lakh of rupees per annum, it would take 18 years for the completion of this programme. Unless adequate provision is made from year to year, it would not be possible to speed up the programme. It is gratifying to note that the Corporation intends to set apart a substantial sum every year for footpath pavement in Post-War construction Scheme and that Rs. 6 lakhs have been allotted for this purpose in 1945-46.

121. *Street Lighting.*—With the improvement in the war situation the A.R.P. restrictions on street lighting were practically removed.. However, the public could not be given full advantage of pre-war standard of illumination owing to the (*i*) short supply of coal required for producing gas, (*ii*) restriction on the consumption of electric energy, and (*iii*) difficulty of obtaining materials required for repairs and renewals. For these reasons, some lamps had to be put out after midnight and some could not be put into commission at all.

We have still 161 Incandescent oil lamps on the streets, mostly on the outskirts and in undeveloped areas. These lamps are being slowly replaced by gas or electric lamps. The Scheme of replacement has however received a set-back owing to war conditions and Government control over pipings, cables, etc., which prevent the utility companies concerned from large scale extensions of their mains and cables. With the return of normal times, and with the launching of the various post-war development schemes, it would be possible to do away with the existing I. O. lighting and replace it by gas or electricity. However, it may be mentioned, that even in future in isolated and undeveloped areas in the City where the utility companies hesitate to sink their capital in extending their mains and cables for want of reasonable reteturns, Incandescent oil lighting may have to be resorted to, till such times as the areas develop.

122. *Labour Problems,*—It has been noticed that the Municipal Labour staff have been developing in recent years a tendency for shirking work. The turn out, even in easily measurable works, such as excavation, removal of surplus materials by lorries and laying of concrete slabs, etc., has been observed to be much below the standard. Such an attitude naturally leads to wastage of public funds. It would thus appear desirable to have parts at least of the work of maintenance of roads carried out by contract.

Maintenance of roads by contract system is not a new innovation to this Municipaity. For about 57 years (1808-1865), the Municipal roads in the City were repaired and maintained by public contract. The

Municipal crushers which were worked by departmental labour are being worked for the last 14 years by contract labour. If no definite improvement in the attitude and turn out of the Municipal Labour staff, is noticed, we shall have to introduce some sort of contract systems for maintenance of roads.

123. Another important problem awaiting solution, is the housing accommodation for the Labours staff. At present, the strength of the Labour staff housed in buildings requisitioned for A.R.P. purpose, is about 1,500. These labourers were induced to leave their old places of residence and occupy the rooms in requisitioned buildings, under the promise of rent-free quarters. Now they are being charged rent although on a sliding scale and according to their means. On the termination of war, these buildings will have to be relinquished and it would be extremely difficult, if not impossible, to have these buildings vacated, unless housing accommodation is provided elsewhere for the labour staff. Sites for the construction of quarters should therefore be earmarked and reserved and provision for the construction of quarters made and the work of construction started without delay.

Transport and haulage.

124. There was acute shortage of transport facilities in the Road Department during the year under review, with the result that surplus excavated stuff from road-sides, could not be removed for several days and this gave cause for complaints from the public. Supply of lorries by contract has been arranged towards the close of the year. But on account of the fact that full days' hire has to be paid for the lorry whether there be full day's work or not and also due to the insufficient turn out of work by the Municipal labour staff the haulage charges have increased much more than in the previous year.

Depot Grounds.

125. Each Ward office requires a certain number Depot grounds scattered about within the Ward limits, so that the materials stacked therein may be within easy reach of every road in the Ward. This wolud save unnecessary recurring expensse in haulage from distant depots. This emphasises the necessity for reserving Municipal plots at Convenient places in all wards, without being disposed of even when there are attractive offers for their purchase.

Traffic amenities.

126. (1) *Provision of aids to movement of traffic in darkened streets.*—Painting of centre lines and kerbs was continued as hitherto at the cost of Government. Although Government at one time thought of disconti-nuing this desirable practice, they were persuaded to agree to continue centre line painting at their cost for some time more, in view of the prevailing heavy military traffic in the Ciy and th e difficulty of bringing street lighting to the pre-war standard of illumination. But very soon, Government are likely to disclaim their liability for bearing the cost of centre line painting. In such an eventuality, it would be highly desirable to continue centre line painting on all important thoroughfares, as hitherto done, at municipal cost. The cost of painting central lines four times a year is estimated to cost about Rs. 70,000.

127. (2) *Traffic Islands.*—As a means for providing safe and continuous movement of traffic at road functions, traffic islands have amply proved their efficacy. There are about 34 Islands still to be constructed out of the list of Island clarriffed and approved by the Traffic Advisory Committee. most of these will be tackled in 1945-46, out of the provisio of Rs. 1 lakh provided in the Budget. In addition to this, about 50 junctions in the City, require traffic round-about. A list of these junctions has been recently prepared and forwarded to the Traffic Advisory Committee for their approval and classification.

Statues.

128. *The Statue of J. N. Tata.*—Erected in the year 1912 at the jundtion of Crucikshank Road and Waudby Road, had two mishaps during the year. One of the branches of the laurel in the hand of the winged figure representing "Fame" broke, probably owing to corrosion. Bsfoere this could be welded and refixed, the remaining branch of the laurel received the attention of a madman who climbed over the railings and removed it. But before he could escape with the dislodged laurel he was caught and the laurel rescued.

The laurel was repaired and refixed in place at a cost of Rs. 60.

129. *The Statue of Lord Hardinge.*—The figure of the "Lioness" standing on one side of the Dhragandra Stone pedestal was bodily shifted by a few inches by some mischievous person with the help of a pole passed between the figure of the "Lioness" and the vertical side of the pedastal. Necessry repairs were carried out and the loness was set back in its place and refixed at a cost of Rs. 146-3-0.

STATEMENT "A"

Statement showing road footpath, drainage and sewer works executed by contract during the year 1944-45.

Serial No.	Name of Works.	Name of Contractor and Standing Committee Resolution.	Contract Amount.	Actual expenditure including establish-ment charges during 1944-45.	Total expenditure upto 31st 1945.	REMARKS.*
			Rs.	Rs.	Rs.	
1	Construction of 42" pipe sewer in Arthur Road, between DeLisle Road and Jacob Circle.	Mr. K. G. Kermani. S.C.R. No. 1384 of 22-12-1941 and 1096 of 4-11-1942.	1,40,885	18,803	1,18,042	Comlplete. Accounts to be adjusted.
2	Providing subsidiary sewer in Gowali Chawl Lane.	Messrs. Nagji Narsi Bros. S.C.R. No. 1274 of 29-11-1944.	30,752	70	70	Incomplete.
3	36" Gravitation sewer along the open channel drain from 1,400' south of Lady Hardinge Road.	Messrs. Nagji Narsi Brothers, S.C.R. No. 1646 of 17-1-1945.	1,23,849	70	70	Do.
				18,943	1,18,182	

STATEMENT "B"

Statement showing road, drainage and other works carried out departmentally during 1943-44.

Serial No.	Name of work.	Actual expenditure including Establishment charges during 1944-45.	Total expenditure upto 31st March 1945.	REMARKS.
	Mahim Park.	Rs.	Rs.	
1	(1) Filling in depressions and levelling at Shivaji Park	5,530	8,601	Incomplete.
	(2) Shifting the existing fountain and a tap at Shivaji Park...	689	689	Do.
	Mahalaxmi Over-Bridge Scheme.			
2	Concreting the access roads to the arches (North and South of Mahalaxmi overbridge, east approach) and the passage under one of the arches of Mahalaxmi Overbridge to connect the two approaches including lighting	3,152	7,197	Do.
3	Concreting 50′ Road off Lady Jamshedji Road opposite "Casa Blanca" including S. W. drain in Mahim Development Scheme No. IV ...	273	10,221	Complete.
4	Construction of 50′ Road including s.w. drain footpath and lighting on the south of Paradise Talkies in Mahim Development Scheme No. IV.	2,082	8,673	Incomplete.
5	Concreting 15′ width of carriageway at Woolen Mill Lane in Mahim Development Scheme No .VII. ...	6,437	16,718	Do.
6	Construction of 50′ Road on the north of Plot Nos. 11, 12, 13 and 23 N.S. Nos. 1402 with sewerage and s.w. drainage arrangements, pavement of footpath and lighting in Mahim Development Scheme No. VII	7,962	14,114	Do.
7	Construction of water gullies on various roads in the City—			
	(1) Providing new type of water entrance in place of old perforated one at Kalbadevi Road	1,402	1,402	Do.
8	Renewal of old masonry drains in the City—			
	(1) Renewal of storm water drain along Pydhonie Road at its junction with Mahomedally Road and Memonwada Road.	3,878	3,878	
9	Renewing or remodelling the old subsidiary s.w. drains in the City—			
	(1) Laying s.w. drain in Khoja Street	5,419	8,259	Do.
	(2) Laying s.w. drain in Garibdas Street	3,202	6,469	Do.
10	Works in connection with the removal of the surcharged condition of the sewers in the City—			
	(1) Construction of a sum p well, pumping station etc., at Jacob Circle. Cr.	1,636	81,165	Complete.
	(2) Laying a 36′ C.I. rising main from Jacob Circle to Haines Road Sewer...	77	95,750	Do.
	(3) Making connection from the existing sewer and s.w. drain to the sump well.	...	12,322	Incomplete.
12	Providing traffic amenities such as—			
	(1) Channelising island at the junction of Fort Street and Hornby Road	754	754	Incomplete.
	(2) Construction of a traffic island at Tilak Bridge	739	739	Do.
	(3) Construction of a traffic island and channelsing islands at the junction of Love Grove Road, Fergusson Road, Haines Road and Road leading to B.D.D. Chawls	595	595	Do.
	(4) Providing trafficisland at the junction of Mayo Road and Cooperage Road	523	1,420	Complete.
	(5) Providing trafficisland at the junction of Queen's Road Bandstand and 120′ Road	103	1,166	Do.
	(6) Channelisingisland at the junction of Forgett Street, Tardeo Road	184	184	Incomplete.
13	Filling in certain lowlying lands in the City—			
	(1) Levelling and cutting high land of playground—Junction of Naigaum Cross Road and Vincent Road and removing the excavated stuff for filling in Gopi Tank	2,377	4,327	Do.
	(2) Cut ing high portions of land at Gopi Tank spreading and dumping the excavated stuff into lowlying portions of the Tank.	4,744	4,744	Do.
14	Providing underground s.w. drains in lieu of the existing openside drains in the City—			
	(1) Providing underground drainage arrangement at Bhoiwada Road.	6,156	6,156	Do.
15	Construction of 40′ Road between Sayani Road and Khed Gully including Paving footpath and lighting	7,764	19,168	Do.
16	Construction of footpaths where no footpaths exist—			
	(1) Providing with blue stone pavement the footpath at Jail Road east between Sandhurst Road and Umarkhadi Road ...	7,101	20,053	Complee.
	(2) Widening footpath opposite Capital Cinema.	168	3,958	
17	Renewal of surfaces of roads taken over from Ex-Trust—			
	(1) Renewing surfaces by concreting 10′ strip of Victoria Gardens Road west side	1,384	29,989	Do.
	(2) Renewing 10′ strip of Victoria Garden Road, east side from Connought Road to Kalachowkie Road	37,188	37,188	Incomplete.
18	Laying sewers in certain roads where no sewers exist—			
	(1) Victoria Road, 2nd Cross Lane	1,283	3,699	Do.
	(2) Laying pipe sewer in Mahalaxmi Street, Wadi Bunder ...	1,059	1,059	Do.
	(3)= Laying pipe sewer in King Edward Road from its junction with New Sewri Road	4,513	4,513	Do.

Serial No.	Name of Work.	Actual expenditure including Establishment charges during 1944-45.	Total expenditure upto 31st March 1945.	REMARKS.
		Rs.	Rs.	
19	Providing storm water drains in certain roads in the City where no storm water drain exist—			
	(1) Laying storm water drain in Burrows Cross Lane	2,207	2,207	Incomplete.
	(2) Laying 12" s.w. drain in Dhakji Prabhu's Lane	7,861	7,861	Do.
20	Construction of 40' Road in Palton Road Scheme including paving foot-path and lighting	3,459	24,689	Do.
21	Renewing the old air and sealed sewage mains in the City—			
	(1) Renewing the 12" sealed sewage at Warden Road ...	12,483	12,869	Do.
	(2) Renewing the 15" sealed sewage main of the DeLisle Road Ejector	20,034	20,034	Do.
22	Permanent construction of narrow bye-lanes in the City—			
	(1) Concreting Kolbhatwadi 1st Cross Lane	1,801	1,801	Do.
	(2) Concreting 1st Pofalwadi	4,740	4,740	Do.
	(3) Concreting Chakla Cross Lane	3,695	3,695	Do.
	(4) Concreting Bhaskar Lane	1,482	2,795	Do.
	(5) Concreting Burrows Cross Lane	3,416	3,416	Do.
	(6) Concreting Bhatwadi 2nd Cross Lane	1,169	1,169	Do.
	Total Rs. ...	1,76,449	5,00,446	

STATEMENT "C"

Statement showing footpath works carried out departmentally during 1944-45.

Serial No.	Name of Work.	Mode of construction.	Actual expenditure including Establishment charges during 1944-45.	Total expenditure upto 31st March 1945.	REMARKS.
			Rs.	Rs.	
1	Paving footpath along Queen's Road east, between Churchgate Street and 1st Marine Street.	Precast cement concrete slabs.	160	20,633	Complete.
2	Paving of unpaved portion of footpath of Colaba Road— (*i*) North of Kittridge Road ... (*ii*) West side, north of Kittridge Road	2" Precast pavement on 3" cement concrete bed 1 : 4 : 8.	1,796	6,444	Complete.
3	Paving footpath along—				
	(*i*) The west side of Lady Jamshedji Road from the junction of Balamiya Lane upto Miya Mahomed Chhotani Road.	Blue stone pavement.	6,914	6,914	Incomplete.
	(*ii*) The east side of Lady Jamshedji Road from the junction of Mori Road upto Mia Mayomed Chhotani Road.	Blue stone pavement.	9,534	9,534	Do.
	Total Rs. ...		18,404	43,525	

STATEMENT "D"

Statement of works carried out departmentally in different Ex-Trust Scheme during 1944-45.

Serial No.	Description of the works.	Sanctioned amount.	Total Expenditure during 1944-45.	expenditure upto 31st March 1945.	REMARKS.
		Rs.	Rs.	Rs.	
	Schedule 'W Land.				
1	Providing storm water drain to the east of Plot No. 4 ...	16,428	11,043	11,593	Incomplete.
2	Filling in the open storm water drain in front of Plots Nos. 1 and 2...	6,629	974	3,150	Do.
	Scheme No. 5—*Dadar-Matunga Estate.*				
3	Construction of Road in front of Plot No. 143	13,774	2,384	2,447	Incomplete.
4	Laying out the playground to the east of plots Nos. 616 to 620 ...	6,971	30	6,376	Complete.
	Scheme No. 6—*Sion-Matunga Estate.*				
5	Construction of Road No. 20 with drainage and lighting arrangements	27,138	1,787	24,646	Complete.
6	Construction of Road No. 22 with drainage and lighting arrangements	34,607	258	22,647	Incomplete.
7	Construction of the eastern carriageway of Kingsway Road No. 26B commencing from the southern junctin of Scheme No. 6 including portion below the bridge on the Harbour Branch Railway upto the junction with northern end of Road No. 30 including drainage and lighting arrangements ...	21,014	7,099	15,163	Do.

Serial No.	Description of the works.	Sanctioned amount.	Expenditure during 1944-45.	Total expenditure upto 31st March 1945.	REMAKRS.
8	Construction of Road No. 15 between Roads Nos. 30 and 29 including drainage and lighting arrangements	13,933	138	12,738	Incomplete.
9	Construction of 20′ passage to the rear of Plots Nos. 103 to 110 including drainage and lighting arrangements	37,511	227	34,521	Do.
10	Construction of road No. 16 between Roads Nos. 30 and 26B Kingsway including drainage and lighting arrangements ...	25,617	2,984	18,182	Do.
11	Construction of Road No. 24C including drainage and lighting arrangements	13,208	629 (Credit).	2,231	Do.
12	Construction of Road No. 25 between Roads Nos. 6 and 19 including drainage and lighting arrangments	24,724	318 (Credit).	19,623	Do.
13	Construction of Road No. 32 between Roads Nos. 16 and 20 including drainage and lighting arrangements	56,360	10,446	35,850	Do.
14	Laying out kerbstones including drainage and lighting arrangements for Road No. 30	48,586	20,799	27,057	Do.
15	Construction of Road No. 31 including drainage and lighting arrangements	38,583	13,854	24,356	Do.
16	Construction 40′ low level road to the south of the proposed railway Overbridge approach	16,305	1,030 (Credit).	12,287	Complete.
17	Construction of Road No. 32A between Roads Nos. 30 and the proposed railway crossing with lighting and drainage arrangement.	9,333	277	8,832	Do.
18	Construction of Road No. 24B including drainage and lighting Arrangements.	8,889	972	5,904	Incomplete.
19	Construction of Road No. 25B including drainage and lighting arrangement	13,737	1,914	7,329	Do.
20	Remodelling the alignment of road and footpath round the circle at Kingsway near Plots Nos. 94, 89 and 89B	3,629	1,565	,2392	Do.
21	Construction of Road No. 31A including drainage and lighting arrangement	25,753	15,734	18,378	Do.
22	Construction of 40′ Road (extension of Road No. 29) including drainage and lighting arrangement	11,173	8,783	9,312	Do.
23	Construction of Flank Road	34,848	4,309	4,309	Do.
24	Cutting and levelling the area to the east of Sion Fort for the proposed cremation ground and plot for industry and evelling and filling in the site of the playground in front of R. C. cemetery ...	48,678	20,186	35,813	Do.
25	Expenses on account of sale of quarry materials	2,400	1,380	1,380	Complete.
	Scheme No. 29.—*Nowroji Hill Estate.*				
26	Concreting service behind Plots Nos. 35 and 36	2,943	2,768	2,768	Complete.
27	Laying out the playground on Plot Nos. 67 to 71 and 75 to 78 ...	22,356	41	9,875	Icnomplete.
	Scheme No. 32.—*Agripada Estate.*				
28	Laying out the recreation ground between Cirrus Avenue and Souter Street	15,000	2,333	7,481	Incomplete.
	Scheme No 47.—*Parel Road.*				
29	Construction of the proposed 20′ passage in Case No. 124 ...	4,210	100	3,868	Incomplete.
	Scheme No. 52.—*Worli.*				
30	Providing a closed drain and filling in the existing open one between Worli Road and Cleveland Bunder Sluice gates	3,520	173	1,475	Complete.
31	Construction of the proposed 40′ Road No. 11 between Roads Nos. 100, Worli Road and Road No. 5B	21,605	14,987	15,012	Incomplete.
32	Providing dry rubble pitching (retention case) around the temple ...	734	693	693	Complete.
	Scheme No. 56.—*Dharavi.*				
33	Construction of 60′ Road in continuation of the portion already constructed near the new labour camp upto Dharavi Road with underground works and lighting	30,628	504	5,085	Incomplete.
34	Construction of a passage leading to the Mahomedan Cemetery at Dharavi	6,396	5,628	5,628	Do.
	Scheme No. 57.—*Sewri-Wadala.*				
35	Laying of a maingravitation sewer in Sewri Wadala area ...	1,02,547	5,606	21,354	Incomplete.
36	Construction of Road No. 15, from the junction of Road No. 4 to Road No. 18 and from the junction of Kingsway to the junction of Road No. 4 including drainage and lighting arrangement ...	74,334	5,942	19,355	Do.

Serial No.	Description of the works.	Sanctioned amount.	Total Expenditure during 1944-45.	Total expenditure upto 31st March 1945.	REMARKS.
37	Construction of Roads Nos. 1, 1A and 10 between the existing Matunga Road, the proposed road No. 14A and the junction of Roads Nos. 10, 14A and 15 including drainage and lighting arrangement	51,090	7,815	24,172	Incomplete.
38	Construction of Road No. 14A including drainage and lighting arrangements	44,175	13,002	23,608	Do.
39	Construction of road No. 7 to the south of Khalsa College including drainage and lighting arrangements	1,18,251	10,548	52,410	Do.
40	Construction of Road No. 16 including drainage and lighting arrangements	29,993	13,422	23,042	Do.
41	Construction of Road No. 7A including drainage and lighting arrangements	27,057	3,839	11,493	Do.
42	Construction of Road No. 19 including drainage and lighting arrangements	13,377	3,478	9,114	Do.
43	Construction of Road No. 19A including drainage and lighting arrangements	12,749	4,270	8,472	Do.
44	Widening of Jerbai Wadia Road	17,055	2,293	2,293	Do.
45	Construction of Road No. 18 including drainage and lighting arrangements	7,950	2,664	7,024	Do.
46	Construction of Road No. 17A	4,628	375	375	Do.
47	Providing sewerage arrangements in Katrak Road and Matunga Road	92,836	12,331	12,331	Do.
48	Filling in lowlying land between Roads Nos. 21, 23, 33A and 37 ...	...	3,457	3,457	Do.
49	Filling in ditches and depressions behind the old Laxmi Mills	9,526	3,905	3,905	Do.
	Scheme No. 58.—*Worli Extension.*				
50	Cutting a portion of Worli Hill and construction of sea wall	1,30,853	5,483	54,454	Do.
	Scheme No. 60.—*Naigaum.*				
51	Construction of roads Nos. 13A, 13B and 13C with lighting and underground works	22,789	12,153	12,153	Do.
52	Widening the existing 20′ passages to 40′ Road near plot No. 51 and the Children's playground including lighting	10,424	2,319	2,319	Do.
	Scheme No. 72.—*Tripartite Road.*				
53	Construction of Road including drainage and lighting ...	1,37,196	32,035	95,832	Do.
			2,97,330	8,05,561	

STATEMENT "E"

Statement showing the works carried out by contract during 1944-45 in different ExTrust Schemes (Budget B).

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution No.	Contract amount (tendered amount).	Actual expenditure including Establishment charges during 1944-45.	Total expenditure upto 31st March 1945.	REMARKS.
			Rs.	Rs.	Rs.	
1	Construction of a sewer in Road No. 25, Scheme No. 6, Sion Matunga Estate.	Messrs. Nagji Narsi & Bros. S. C.R. No. 325 of 18-6-1941.	23,034	4,056	12,085	Complete.
2	Providing a closed drain and filling in the existing open one between Worli Road and Cleaveland Bunder, Sluice Gates, Scheme No. 52, Worli.	Mr. Shankarlal Vishweswar, S.C.R. No. 1471 of of 12-12-1940.	4,49,265	10,980	34,821	Contract terminated.
3	Construction of a sewer in Road No. 9, Scheme No. 57, Sewri Wadala.	Messrs. Nagji Narsi & Bros. S.C.R. No. 1419 of 2-1-1942.	20,779	3,857	3,916	Incomplete.
		Total ...		18,893	50,822	

STATEMENT "F"

Kind of Roads.	Mileage at the beginning of the year.	Mileage at the End of the year.	Total area at the beginning of the year.	Total area at the End of the year.	Area repaired during 1944-45.	Expenditure for the year 1944-45.	Average Rate per 100 sq. ft.	Remarks.
			sq. yds.	sq. yds.	sq. yds.	Rs.	Rs.	
(1) Water-bound Roads ...	5.910	5.910	100,553	100,553	1,508	10,85/11	8.00	
(2) Bituminous Roads ...	171.308	171.246	3,188,377	3,187,333	2,16,509	385,856/11	19.80	
(3) Sheet Asphalt Roads ...	51.910	51.910	1,193,538	1,193,538	77,181	156,928/1	22.59	
(4) Concrete Roads ...	24.680	25.975	429,345	442,526	404	4,952	136.01	
(5) Sett-paved Roads ...	9.664	9.664	1,59,310	1,59,310	542	3,901/5	79.97	
(6) Kutcha Footpaths ...	33.970	31.8	*3,51,549	341,752	54,003	64,716/4	13.31	
(7) Road watering					88,025	11,215/12	1.41	
				Total.	438,172	628,655/12		

* This has been corrected as against 597693 sq. yds. shown in the previous report. The mistake was due to some area in sq. ft. having been shown as sq. yds.

STATEMENT "G"

Works carried out from the renewal of road surfaee fund.

Serial No.	Name of the work.	Mode of construction.	Sanctioned amount.	Actual amount of expenditure during 1944-45.	Total expenditure upto 31st March 1945.	Remarks.
			Rs.	Rs. a. p.	Rs. a. p.	
1	Renewing the sett-pavement of Mazagaon Road including Hancock Bridge.	6" sett-stove pavement on existing cement concrete bedding.	19,861	2,675 4 0	17,855 12 0	Complete.
2	Renewing the sheet asphalt surface of Foras Road from Falkland Road to Bellasis Road.	4" concrete on existing cement conrete bedding.	49,432	24,181 9 0	27,157 5 0	Incomplete.
3	Renewing the sheet asphalt along DeLisle Road from Haines Road to Clerk Road.	Do. do. ...	56,838	20,744 1 0	23,659 1 0	Do.
4	Renewal of road surface of Falkland Road both sides from 2nd Carpenter Street to Gol Pitha.	Cement concrete ...	11,369	7,646 11 0	7,646 11 0	Complete.
5	Renewing the surface between Mazagaon Road and Wadi Bunder Road.	4" cement concrete ...	32,940	19,212 8 0	19,212 8 0	Incomplete.
6	Renewing road surface of Falkland Road between Lamington Road and Grant Road.	Cement concrete ...	35,683	12,100 1 0	12,100 1 0	Do.
7	Renewing surface (half width of Bhendi Bazar between Sandhurst Road and Mahomedalli Road.	4" cement concrete ...	32,942	13,804 10 0	13,804 10 0	Do.
8	Renewing road surface (half width) of Grant Road between Lamington Road and Falkland Road.	Cement concrete ...	32,058	5,392 8 0	5,392 8 0	Do.
		Total ...		1,05,757 4 0	1,26,828 8 0	

VI. Removal of Town Refuse to Deonar.

Removal of Town refuse to Deonar.

130. The bulk of town refuse was as usual transported to Deonar in Railway wagons. Two trains consisting of an average of 30 wagons each were desptached to Deonar every day. The total number of wagons despatched during the year under report was 21,873 as against 20,910 during the previous year. Taking and average of 12 tons per wagon the quantity of refuse removed to Deonar was 2,62,476 tons against 2,50,920 tons of the previous year. The total cost of removal and disposal amounted to Rs. 3,30,476 against Rs. 3,32,225 of the last year showing a slight decrease of one anna per ton. The rate per ton works out to Rs. 1-4-2 against Rs. 1-5-3 per ton during the preceding year.

Rolling Stock and permanent way.

131. There has been no addition to the rolling stock during the current year. The strength of the wagons remained the same, *viz.*, 181 as in the previous year as detailed below:—

147 Refuse wagons.
19 Silt wagons.
9 Carcass wagons.
6 Brakes.

181

Repairs and maintenance of wagons.

132. The cost of repairs and maintenance of these wagons as well as of the sidings at Mahalaxmi amounted to Rs. 55,318-14-0 as against Rs. 67,961-4-0 for the previous year, when heavy repairs to certain wagons were carried out. The position on the whole is still unsatisfactory as most of the wagons have outlived their useful life. The cost of maintenance is heavy from year to year. It is therefore proposed to replace the old wagons by new ones in the next 10 years by making a yearly provision for purchasing new wagons.

Reclamation work.

133. During the year an additional land admeasuring 6 acres was reclaimed. The refuse was also dumped over the land already filled in but which had subsided owing to fire and rain. The total area reclaimed so far is 343 acres out of a total reclaimable area of 823 acres.

Income.

134. The total income realised from various sources such as cultivation of the relaimed land, temporary letting out a portion of the land and right of fishing amounted to Rs. 86,211-4 lagainst Rs. 44,043 in the preceding year.

Some portion of the reclaimed land is also proposed to be leased to the Miilitary Authorities for laying a temporary Railway Siding from the Bone Factory to their Ammunition Warf and Depot constructed on our land. The negotiations for the lease are in progress.. The Railway Siding as wellas the Wharf are already constructed but are not still in use. On account of the proposed additional heavy military traffic on the Municipal Railway Siding the existing girders on 3 culverts, the portions of which had corroded, were got reconditioned at Military cost. The area occupied by the Military Siding and Ammunition Depot including the Safety Zone comes to about 199 acres, which includes some portion already leased for cultivation and for which the cultivating contractor will be given proportionate compensation.

Labour Staff.

135. The work of unloading wagons was carried out by departmental labour housed at Deonar at a cost of Rs. 1,02,040 as against Rs. 93,232 in the preceding year. The increase in the cost is due to enhanced rate of overtime given to unloaders. There has been no occasion during the year for any unrest or strike amongst the labour staff and the working was on the whole satisfactory.

Amenities provided.

136. The amenities provided in the labour camp for the benefit of the staff such as free medical aid and free primary education were continued during the year. Literacy classes for the adult Municipal employees were also conducted in the camp wherein about 40 persons received instruction, out of which 20 passed the examination and received certificates.

A Welfare centre with an attached Maternity ward was opened in the camp in December 1944 under a Health Visitor for the benefit of the labour staff and is working satisfactorily. A structure costing Rs. 7,700 was erected to house the welfare centre. For the Maternity ward 2 rooms from the labour camp are allotted but due to non-availability of equipment required for the same the ward is not still functioning.

The authorized ration shop where all controlled as well as other house-hold articles are being sold continues to work satisfactorily.

Accident, fire and derailment.

137. No cases of major fire, accident or derailment occurred on reclamation during the year. There were two small fires and the dumping operation had to be shifted to other places. There was also a minor derailment on one occasion.

GENERAL.

138. The Bungalow provided for the residence of the Assistant Engineer (K. D. Railway) at Kurla was sold for Rs. 19,000 by public auction during the year, as it was no longer being used.

139. The scheme for laying a pipe line from Dadar Sewage Purification Works to Deonar for carrying either effluent, sewage or sewage sludge for irrigation of lands belonging to private persons as well as municipal land at Kurla and Deonar has been approved by the Corporation, but owing to the non-availability of the materials due to the conditions created by war, the work could not be taken in hand. It will be undertaken on the return of normal times.

140. The incinerator at Love Grove which was constructed for the destruction of refuse locally with a view to reducing the number o f refuse wagons despatched to Deonar and which was out of order started refunctioning since the beginning of the year. About 2,336 tons of refuse were burnt in this incinerator during the year. The question of installing more incinerators in the City is under consideration. In the main scheme of the pumping sewage from Love Grove it has been proposed to send digested sludge to Kurla Deonar for being composted with refuse. It is proposed to carry out experiments in this connection next year as it would open a new source of income to the Corporation.

N. V. MODAK,
City Engineer.

ESTATES AND LAND MANAGEMENT.

Administration Report for the year 1944-45.

NEW SCHEMES.

Progress of New Improvement or Street Schemes taken up after the Amalgamation of the Trust with the Municipality.

Scheme 72.—Tripartite Road Improvement Scheme.

The Construction of the carriage way of the proposed Tripartite Road is completed. The claimant of Case No. L.A.Q. 33/1 had filed a reference in the High Court and the same was amicably settled under Standing Committee Resolution No. 635, dated the 8th August 1944. A consent decree for a sum of Rs. 2,500 has been passed against the Municipality by the High Court, each party having been asked to bear its own cost of the reference.

Scheme 73.—Palton Road Estate, Improvement Scheme for accommodating poorer and working classes.

The construction of the third and last block which is the only work now remaining will be taken in hand as soon as the restrictions on the construction of buildings are removed by Government.

Scheme 74.—Sion Overbridge Improvement Scheme.

Case No. L.A.Q. 38/1 has now been closed for Award. The Special L.A.O. will publish his award shortly.

Slum Service and Clearance.

(1) The Corporation by their Resolution No. 542, dated the 25th September 1944 accorded their sanction to the temporary staff on the establishment of Slum Clearance being brought on the permanent schedule. Accordingly one Assistant Engineer II Grade, one Assistant Engineer III Grade, two Inspectors, three Sub-Overseers, one Clerk, one Draftsman and five peons have been confirmed in the Department.

(2) *Scheme for the extension of Kelewadi Lane.*

The position in respect of the acquisition of properties is as stated below:—

(*a*) *C.S.No.31.*—Joint measurements have been taken. The Trustees of the Armenian Church have
(*b*) *C.S.No.33.*—applied to the High Court for sanction to hand over a portion of land from the above C.S. Nos. to the Municipality, which is awaited.

(*c*) *C.S. No. 32.*—Joint survey has been made and charge of the land taken.

(*d*) *C.S. No. 34.*—Joint survey has been made. Charge of the land will be taken when tenements are vacated.

(*e*) *C.S. No. 36 and 37.*—Joint survey has been made. The Trustees have agreed to hand over possession of the land after the compound walls have been constructed.

(*f*) *C.S. No. 38.*—This is a Government passage and the Government have agreed to hand over possession of the land to the Municipality.

Actual work of construction of the passage will be taken in hand when all the properties have been acquired.

(3) Proposals for the layout of 72′ Road from Girgaon Road to Queens Road and 40′ Road from Mangalwadi to the proposed 72′ Road have been kept in abeyance till the proposed draft amendments in respect of Slum Clearance have been passed.

(4) *Improvement of Lohar Chawl Lane off Wanzawadi.*—It is proposed to notify the scheme under Section 354(1)(*i*) of the Municipal Act.

(5) *Mahim Town Planning Scheme.*—A proposal to develop the undeveloped portions of Mahim (G Ward) under Town Planning was submitted to the Commissioner and has been kept in abeyance for the present.

(6) *Development of Golanji Hill Estate.*—Plans and estimates for the development of Golanji Hill Estate have been submitted to the Works Committee and Corporation for sanction.

(7) *Dharavi.*—A layout has been prepared for the Dharavi Estate and submitted to the Improvements Committee and the Corporation for sanction.

(8) *Report regarding Greater Bombay.*—Statistical information has been collected and put up in a report to the Commissioner.

(9) A detailed report regarding Housing Problem in the City of Bombay has been prepared and submitted to the Commissioner.

(10) Information in respect of properties at (*i*) Telwadi, (*ii*) Pofalwadi, (*iii*) Zaoba's Wadi, etc., is being collected for preparing Slum Clearance Schemes.

(11) Schemes for clearance of slums at (*i*) Jambli Street, (*ii*) D'Souza Street, (*iii*) Chinchbunder Road, (*iv*) Bellasis Road, (*v*) Arthur Road and (*vi*) Valpakhadi have been submitted to the Commissioner. The same have been returned by him to be kept ready in view of the proposed legislation in respect of Slum Clearance.

(12) *Town Planning Scheme.*—On 14th of April 1944 the area nearabout Mandvi was devastated by the Explosions and several buildings were either destroyed by splinters or burnt down by fires. This area being an important business centre, was found to be very congested and due to high land values in the locality improvement in the way of widening of streets, provision of open spaces, etc., would have been very slow and costly. The Municipality, having had this opportunity of effecting a great improvement with minimum expenditure, approached Government for their sanction to apply the Town Planning Act, 1915 to the City of Bombay. The sanction of Government was obtained and the Corporation by their Resolution No. 763, dated the 23rd November 1944 declared their intention of applying the Town Planning Act to the devastated area. A notificaton declaring the Corporation's intention to make a scheme as required by Section 9(1) of the Bombay Town Planning Act was published in the Government Gazette on the 7th December 1944, and necessary plans with schedule, etc., have been submitted to the Provincial Government for sanction. This sanction is awaited.

A Preliminary survey of the buildings in the areas where the Town Planning Act is proposed to be applied was made by the staff and necessary information of the several properties has been obtained from the Collector's records and the Municipal Assessment Department.

As soon as the sanction of Government is received, the work of preparation of the draft scheme will be taken in hand.

Enactment of City of Bombay (Building Works Restriction) Act, 1944.

In order to put a stop to the erection of buildings in the proposed town planning area, it was necessary to obtain certain powers to restrict buiding activity and with this end in view Government was approached to pass the City of Bombay (Building Works Restriction) Act, 1944. This was passed on 22-12-1944.

ACQUISITION OF LANDS.

(Ex-Trust Schemes).

(Land Acquisition Officer's Cases in respect of Old Slums notified prior to Amalgamation).

The three remaining cases having an area of 4,649 square yards detailed below still remain to be acquired.

(1) Revised terms of settlement of Cases Nos. 538 and 538-A, Scheme No. 5 (Vithoba Temple at Matunga) have now been embodied in an agreement which has been executed and lodged with the Sub-Registrar.

(2) The agreement in respect of temple property bearing Case No. 374, Scheme No. 5, has been drafted by the Legal Assistant and forwarded to the Trustees of the temple for their approval.

(3) The inquiry before the Land Acquisition Officer in Case No. 232, Scheme No. 37 has been completed and the Case is closed for award.

Changes in ex-Trust Estates.

There have been no changes in Schedule X, Y and Z lands.

The net changes effected in Schedule W lands and in the ex-Trust Estates are set out in the following statement:—

Change in	As at the beginning of 1944-45. Square Yards in thousands.	As at the end of 1944-45. Square Yards in thousands.
Area permanently leased ...	4,623	4,835
,, of Trust Chawls Sites ...	190	190
,, of Buildings resumed ...	3	0*
,, sold ...	9	9·3
,, reserved for a Municipal Market ...	2	2
,, yet to be permanently leased ...	495	454
Total ...	5,322	5,490.3
Rent of permanently leased area ...	Rs. 38.82 lakhs.	Rs. 39.54 lakhs.
Undeveloped Land.		
Area in thousands of square yards ...	6,048	5,880
Cost of its acquisition ...	Rs. 218 lakhs.	Rs. 212 lakhs.

* The area of buildings resumed is taken into account while arriving at the figure of area permanently leased.

It will be seen that at the end of 1944-45, out of the total area of 1,39,36,000 square yards (about 2,879 acres) vested in or acquired by the ex-Trust, about 42 per cent. remained to be developed, and of the developed area about 8 per cent. remained to be leased. The average value of the leased plots is Rs. 20 per square yard and that of plots which remain to be leased is estimated at Rs. **20** per square yard.

PROGRESS OF DEVELOPMENT.

Scheme No. 6.—Sion-Matunga Estate.

The layout of one plot having an area of about 6,778 square yards in this Estate was sanctioned and the same was disposed of.

Scheme No. 57.—Sewri-Wadala (South) Estate.

As offers for an aggregate area of about 51,050 square yards in this Estate were received, it was laid out nto two plots, *viz.*, Plots Nos. 6 and 7 and they were disposed of.

Scheme No. 58.—Worli Extension.

The Corporation by their Resolution No. 1026, dated the 8th February 1945 sanctioned the detailed layout of the whole length of the area between 80′ Promenade Road and 60′ High Level Road of the above Estate, according to which 34 new plots, *viz.*, Plots Nos. 10 to 43 covering an area of about 58,893 square yards have been made available for disposal. Before this development was proposed three plots *viz.*, 7 to 9 admeasuring about 66,245 square yards were laid out and disposed of during the period under review.

Scheme No. 61.—Fergusson Road Estate.

One plot admeasuring about 6,850 square yards was laid out and disposed of during the year.

Scheme No. 66.—Mahalaxmi Flats Estate.

As an offer for a plot having an area of about 2,730 square yards was received, its layout was sanctioned and it was disposed of.

Dishousing and Re-housing.

There were practically no vacancies in the Chawls during the year under report.

Members of the menial staff, who are entitled to receive house rent allowance, continued to occupy rooms rent-free in lieu of house-rent allowance. Their number was 425 on 31st March 1945. Railway passes are being issued at Municipal cost to such of the members of the menial staff who are provided with rent free quarters beyond one mile from their place of work.

During the year, 10 acquired buildings containing 50 tenements were demolished.

No new residential accommodation was provided by the lessees of the Ex-Trust Estates as the Building Control Order prohibiting the construction of new buildings was operative throughout the year.

It will be seen from Appendix " D " that the total number of tenements provided up-to-date in all the Trust Estates including those erected by the Development Department and the several Mill Companies exceeds the total number of tenements demolished by 30,987 as shown below :—

(a)	Tenements provided in Trust Chawls including 3-room and 2-room tenements and Cottages at Matunga ...	10,010
(b)	Tenements provided in Chawls erected by the Spring Mills, the Century Mills, the Kohinoor Mills and the David Mills and in Chawls erected by the Development Directorate on the Ex-Trust Estates and the various Police Accommodation Schemes	18,555
(c)	Tenements provided in the Semi-permanent rooms erected by the Ex-Trust	3,617
(d)	Tenements provided in the Lessees' Buildings	37,270
	Total ...	69,452
	Less.—Tenements demolished	38,465
	Excess of new tenements over demolished ones	30,987

DISPOSAL OF LANDS. (Ex-Trust Estate)

Long Leases.

The number of plots let during the year was 89 having a total area of 2,13,159 square yards (about 44 acres), and valued at Rs. 49,67,929. Only one plot was resumed during the year and was subsequently relet. The total number of plots disposed of upto the end of 1944-45 is 3,696 with an area of 50,25,013 square yards (about 1,038 acres) and valued at Rs. 9,88,09,997 yielding an annual rent of Rs. 34,62, 906 in respect of plots for which premium or commutation amounts have not been received. The rates at which the ground rents are capitalised in the various tables in this report is at 22¼ years' purchase for plots let before 23rd November 1920 and 18 years' purchase thereafter.

The progress in disposal of Trust lands during the year was as follows :—

No.	Particulars.	No. of Plots.	Area in sq. yds.	Capital Value. Rs. a. p.	Annual Rent. Rs.
I	Plots leased (rental basis)	51	59,756	13,07,196 0 0	72,622
	Plots leased (premium ,,)	38*	1,53,403	36,60,732 15 0	33(A)
II	Land Sold	2	347	4,429 0 0	Nil.
III	Total plots disposed of	91	2,13,506	49,72,357 15 0	72,655
IV	Plots disposed of in 1943-44 or earlier but surrendered to and reentered by the Corporation.	1	1,055	28,512 0 0	1,584
	Net Total ...	90	2,12,451	49,43,845 15 0	71,071(B)
	Corresponding figures for :—				
	1943-44	124	1,91,773	36,28,023 12 0	1,02,655
	1942-43	212	2,91,736	46,17,557 2 0	1,69,627
	1941-42	115	1,40,395	15,01,193 11 0	56,385

* Out of 38 plots, 7 plots were agreed to be leased in 2 lots in a group (at a nominal rent of Re. 1 per annum in each case.)

(A) Interest on the premia at 6 per cent. would be equal to about Rs. 2,19,644.

(B) If the interest on the premia is taken into account the result will show a figure of Rs. 2,90,682 instead of Rs. 71,071.

The details of leasing in each estate are given below :—

Estate.	No. of Plots.	Area in sq. yds.	Capital Value. Rs. a. p.	Annual rent. Rs.	Remarks. Rs. a. p.	
Mahalaxmi Flats	1	2,730	65,808 0 0	3,656	...	
Sion-Matunga	18	20,319	4,93,699 8 0	19,218	1,47,811 8 0	received or to be received as premium
Nowroji Hill	7	5,373	10,43,736 0 0	1,158	10,23,000 0 0	Do. do.
Suparibaug	1	807	27,035 2 0	1	27,035 2 0	Do. do.
East Agripada	5	2,768	78,571 0 0	811	64,027 0 0	Do. do.
Scheme 52, Worli	15	31,527	6,30,469 0 0	15	6,30,469 0 0	Do. do.
Dharavi	1	225	1,440 0 0	80	...	
Sewri-Wadala	33	72,970	11,13,132 5 0	23,417	6,91,680 5 0	received or to be received as premium.
Scheme 58, Worli Extension ...	3	66,245	11,86,613 0 0	19,122	8,42,453 0 0	D. do.
Naigaum	4	3,345	93,168 0 0	5,176	...	
Fergusson Road	1	6,850	2,34,257 0 0	1	2,34,257 0 0	received or to be received as premium
Total ...	89	2,13,159	49,67,928 15 0	72,655	36,60,732 15 0	

Though the number of plots disposed of is less than that disposed of in previous three years, the area disposed of is larger than that in the years 1941-42 and 1943-44 and the value of the plots disposed of is higher than in any of the three previous years. This is due to the high prices realised as a result of the easy monetary conditions prevailing which also accounts for the fact that nearly three-fourths the value of the plots disposed of was received in cash as against less than half in any previous years.

Taking advantage of the easy monetary conditions, it was considered desirable to dispose of surrendered and re-entered buildings in Sandhurst Road and Nowroji Hill Estate with the result that an amount of Rs. 10,23,000 was realised by the disposal of six such plots with buildings thereon in Nowroji Hill Estate

Short Leases.

There were 633 acquired buildings in charge of the Bombay Municipality (Improvements) at the commencement of the year. Ten buildings were demolished and 13 were sold. Thus at the end of the year there were 610 buildings containing 5,247 tenements. The net change during the year was as under :—

Date.	No. of Buildings.	Tene-ments.	Gross rental in lakhs. Rs.	1-Room tene-ments.	2-Room tene-ments.	Larger tene-ments.	Shops.	Godowns.	Factories.
31-3-1944 ...	633	5,422	7.39	4,025	709	285	234	166	3
31-3-1945 ...	610	5,247	7.29	3,898	686	274	241	143	5

The rents realised from acquired buildings in 1944-45 aggregated to Rs. 7,93,870 and the total temporary revenue realised during the year was Rs. 15,77,448, which compares favourably with the corresponding figures of the previous two years as shown below:—

Particulars.	1942-43.	1943-44.	1944-45.
	Rs.	Rs.	Rs.
Rent from acquired or surrendered buildings	6,61,796	7,48,652	7,93,870
Rent from lands let for temporary structures	2,68,988	2,82,839	7,53,490
Rent from letting for storing materials (including sundry revenue)	2,053	2,154	2,294
Rent from cultivation rights, etc.	27,753	35,504	27,794
Total ...	9,60,590	10,69,149	15,77,448

The increase in the revenue is due to the large areas let to Government for defence purposes.

The full letting value of the 10,291 rooms including shops, godowns,looms, etc., in the Ex-Trust Chawls was Rs. 9,64,123 as on 31st March 1945.

The gross demand of the Ex-Trust Chawls for the year was Rs. 9,64,123. The net demand for the year after excluding the amount of Rs. 98 for vacancies and Rs. 39,320 for concessional rents was Rs. 9,24,705. The revenue actually collected came to Rs. 9,17,464 which is equivalent to 99.23 per cent. of the net demand for the year.

The gross demand for the year 1944-45 of 2,842 rooms in the semi-permanent sheds including the permanent ground floor rooms and sheds known as Labour Camps was Rs. 1,60,500. The net demand for the year (excluding Rs. 68 for vacancies and Rs. 3,567 for concessional rents) was Rs. 1,56,865. The amount actually collected came to Rs. 1,57,160 which is equivalent to 100.12 per cent. of the demand.

The monthly rent charged for rooms in the permanent chawls built by the Ex-Trust ranges from Rs. 4-15-0 to Rs. 12 for one-room tenements, from Rs. 17 to Rs. 23 for two-room tenements and from Rs. 30 to Rs. 35 for three room tenements.

The percentage of outgoings in respect of chawls and S.P. Sheds are shown below. On the basis of the maximum annual rental of Rs. 9,64,123. being the full letting value of the Chawls on 31st March 1945 and ofRs. 1,60,500 of S. P. Sheds the total outgoings came to Rs. 56.41 per cent. and 57.83 per cent. respectively. The percentage of vacancies being practically nil, the actual outgoings are 56.41 and 57.83 per cent.

Statement showing percentage of outgoings in different items :—

Particulars.	Permanent.		Permanent ground floor rooms and S. P. Sheds.*		Remarks.
	1943-44.	1944-45.	1943-44.	1944-45.	
Sanitary Staff	6.95	7.86	10.46	12.42	* Including Labour Camps.
Pumpmen	0.24	0.27	...	...	
Cost of Management and Establishment ...	7.50	7.50	7.50	7.50	
Municipal Rates and Taxes	15.27	15.27	15.38	15.90	
Repairs and Maintenance including Lighting Charges	21.92	25.51	19.69	22.01	
Vacancies	0.13	...	0.20	...	
Total ...	52.01	56.41	53.23	57.83	

The collection during the year on account of rents from these chawls amounted to Rs. 9,17,464. Deducting therefrom the expenses amounting to Rs. 5,43,900 the net income came to Rs. 3,73,564. The Capital Expenditure incurred on these chawls including the value of land is 151.53 lakhs. The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per cent. per annum on the Capital Expenditure prior to 1919-20 and at 6.35 per cent. per annum on the expenditure incurred subsequent thereto. This amounts to 8.88 lakhs per annum (*vide* appendix 'C'). After deducting the amount of net income the accounts for the chawls showed a loss of about Rs. 5,14,436 for the year.

The average population in the chawls during 1944-45 was 48,986 as against 45,168 and 38,322 in 1943-44 and 1942-43 respectively, whilst the corresponding figures for semi-permanent sheds (excluding Labour Camps) were 6,831, 6,113 and 5,816, respectively.

The death rate in the Ex-Trust Chawls during the year was 7.4 per 1,000 against 5.8 and 5.0 in the year 1943-44 and 1942-43, respectively.

Mang Garudi Camp.—In order to minimise the nuisance in the City from the vagrants mostly of mang garudi class, a plot of land admeasuring about 23,975 square yards in Scheme 56, Dharavi has been earmarkd for the purposes of accommodating them. The area has been sub-divided into small plots and each family has been allotted a plot where it is allowed to put up at its own cost a small shed with adequate open spaces. Sanitary conveniences on full flushing system have been provided at Municipal cost. The total number of families accommodated in the Camp at the end of March 1945 was 409.

Collection of Revenue.

Details of the collection can be seen from the following table :—

A comparative statement showing the number of permanent tenancies with demand and collection as on 31st March of the past 4 years is given below :—

Particulars.	1942.	1943.	1944.	1945.
Number of tenancies	2,628	2,829	2,868	2,953
Demand for the year (in lakhs of Rs.)	31.95	31.95	31.91	33.14
Amount for collection (do.)	37.53	37.38	35.96	36.50
Actual collection (do.)	32.09	33.12	32.60	32.98
Arrears (do.)	5.44	4.26	3.36	3.53
Percentage of arrears to amount for collection	14.49	11.39	9.34	9.66
Percentage of collection to demand (the amount for collection) ...	100.44	103.66	102.8	99.51

The percentage of 9.66 of arrears can be attributed to the usual tendency on the part of the new building tenants to withhold payments of ground rents to the extent of the cash security deposits paid by them with a view to getting the same adjusted towards ground rent. Moreover serveral plots have been requisitioned by the Defence Department of the Government of India and the lessees of such plots have kept the ground rents in arrears as they have not been able to recover rents from the Government of Indja. Cheques of the value of Rs. 8,629 were dishonoured and their amounts recovered in the following year. Certain arrears were due in respect of properties re-entered upon. These items aggregate to Rs.1,79,271 as under:—

(1) Arrears in respect of properties re-entered for which legal action is taken ...	Rs.	1,15,228
(2) Ground rents withheld by lessees to the extent of their security deposits ...	"	32,488
(3) Ground rents in respect of plots occupied by the Military	"	22,926
(4) Dishonoured cheques	"	8,629
(5) Amount held in deposit pending adjustment	"	3,778
Total	Rs.	1,83,049

If these items are excluded, the balance of arrears comes to Rs. 1.70 lakhs, *i.e.*, 4.7 per cent. of the amount for collection.

Collection of Revenue.

Details of the collection can be seen from the following table:—

Particulars.	Revenue. Permanent.	Revenue. Temporary.	Total.
	Rs.	Rs.	Rs.
Amount for collection—			
Demand for the year	33,13,592	25,27,976	58,41,568
Arrears on 1-4-44	*3,36,637	8,06,353	11,42,990
Total ...	36,50,229	33,34,329	69,84,558
Amount collected	32,97,469	26,52,072	59,49,541
Amount written off	...	47,839	47,839
Arrears as on 1-4-1945	3,52,760	6,34,418	9,87,178
Do. 1-4-1944	3,36,941	8,06,353	11,43,294
Do. 1-4-1943	4,25,794	5,70,647	9,96,441

* The difference of Rs. 304/- in the opening arrears may be attributed to the reduction in demand on account of modification made subsequently due to commutation etc.

Legal.

In the year under review, 193 Ejectment and Claim suits were filed against the tenants who had run into arrears and the total cost incurred in respect of these suits came to Rs. 2,623-4-0 which was recovered during the year along with Rs. 51-8-0 being the arrears pertaining to the previous years.

(*1*) *High Court Suit No. 934 of 1935 in respect of Plot No. 26, Sandhurst Road East Estate.*—The Legal Assistant's Bill of Costs in respect of this suit is ready and will be lodged for taxation after ascertaining the whereabouts of the heirs of Mr. Bajid Gulab and whether they own any moveable or immoveable property which could be attached for the decretal amount including the said costs. No information however could be obtained so far and the bill has not been lodged to avoid incurring any further costs for taxation of the bill.

(*2*) *High Court Suit No. 52 of 1936 in respect of Plot No. 28, Nowroji Hill Estate.*—After the order adjudicating the 1st Defendant, Mr. Gulamally Haji Karmally as an insolvent was annulled, information was received that he owned certain property at Bandra. A search is to be taken in the Sub-Registry at Bandra to ascertain whether the said first dependant owns any property at Bandra.

(*3*) *High Court Suit No. 569 of 1939 in respect of Plot No. 27, Sandhurst Road East Estate, and Plots Nos. 4 and 5, Sydenham Road Estate.*—One of the Defendants has become insolvent and execution proceedings against the other defendants will be taken after their whereabouts are known

(*4*) *High Court Suit No. 564 of 1940 in respect of Plot No. 48, Nowroji Hill Estate.*—Warrant under Order XXI Rule 46 of the Code of Civil Procedure has now been issued for attachment of the Government Paper lying with the Municipality by way of deposit and the same will be executed shortly.

(*5*) *High Court Suit No. 1326 of 1938 in respect of Scheme No. 57, Case No. 320, let to Mr. Kisanlal Madhavlal.*—Possession of the property in suit was taken but no proceedings for the recovery of the decretal amount were taken as it was reported that the Defendant has no property.

(*6*) *High Court Suit No. 5120 of 1944 in respect of Suparibaug Plot No. 24 (leased to Tricamdas Kallianji Thakkar) filed against Haridas Triccamdas Thakkar and others for forfeiture of lease and recovery of arrears of ground rent.*—A decree in the said suit was passed on the 11th July 1944 against the Defendants and arrangements to execute the same are being made.

(*7*) *High Court Suit No. 501 of 1942 in respect of Plot No. I-A, Mahalaxmi Flats.*—A decree for Cejectment and recovery of arrears of ground rent was passed on 6th May 1942 against the Defendants Messrs. Dattadin Sukhlal and others and accordingly possession of the Plot was handed over by them. They have offered to compromise the claim for Rs. 300 and expressed their inability to pay anything more. The amount has been deposited with us and the matter is being recommended to the Standing Committee as the parties do not appear to have any assets.

(*8*) *High Court Suit No. 256 of 1943 filed against Pherozeshah A. Clerke and another in respect of Worli Estate, Plot No. 25 C for recovery of arrears of ground rent &c.*—The said suit was settled out of court with the sanction of the Standing Committee on the Defendants paying Rs. 450 for costs and Rs. 246 in full settlement of the arrears of rent due and interest and the same was allowed to be dismissed for non-appearance of the parties.

(9) *High Court Suit No. 223 of 1943 filed against Bai Khatizabai G. Rupawalla in respect of Plot No. M-3 Scheme 37, for ejectment and for recovery of arrears of rent and taxes.*—A Decree in the said suit was passed on 29th June 1943. As the Defendant has paid some amount towards the claim for arrears of rent and taxes, her Solicitors have written to us for arranging to pay the balance soon. Execution proceedings have in consequence been kept in abeyance.

(10) *High Court Suit No. 937 of 1934 was filed against Ram Kuber Ram Bhagoo and others interalia.*—(a) For ejectment and vacant possession of the land and premises belonging to the Municipality at Kala Killa, Dharavi comprised in Case No. 201, Scheme No. 56, (b) for compensation for use and occupation thereof and (c) for authorising the plaintiffs to cause the dead body of one Surji Bhoja to be exhumed and to be buried in a proper place and ground. On 16th January 1945, the suit was transferred by the High Court to the List of Long Causes in view of the written statement filed by the Defendants.

Land Acquisition and Management.

Municipal Section—Schemes, Overbridges, etc.

Scheme for the widening of 1st Marine Street, Dhobi Talao.—The agreement in Case No. L. A. Q. 16/5 has been prepared by the Legal Assistant and forwarded to the claimants for their approval.

Hornby Road to Ballard Pier Scheme, Case No. M-436.—The Conveyance in respect of set-back land at Cowasji Patel Street has been executed and lodged with the Sub-Registrar. Action for denotifying the property will now be taken.

Acquisition of Khardi Village Gaothan (Thana District) for prevention of contamination of Tansa Catchment.—The decision of the Government to notify the properties included in the old Gaothan under Section 6 of the Land Acquisition Act is still awaited.

Acquisition of land for the construction of additional Purification Works, Tulsi Pipe Line, Dadar.—The claimants in Case No. L.A.Q. 45/6 have now filed in the High Court their statement of particulars of claim. The Municipality have submitted a report to the Government Solicitors for drafting points of defence. The case will shortly reach the Board of High Court for final hearing for determining the compensation to be awarded.

Acquisition of land for the construction of 50′ Road from Bhavanishankar Road to Tulsi Pipe Line off Sewage Purification Works at Dadar.—The draft Conveyance in respetct of Case No. L.A.Q. 40/2 has been sent to the claimants for their approval.

In two cases, drafts of Conveyances are being prepared by the Legal Assistant after scrutinising the title deeds, In the remaining case, Conveyance is not necessary as the purchase price does not exceed Rs. 100.

Acquisition of land for the construction of quarters for the staff and Compressor Station for the Sewage Purification Works, Dadar.—The deed of Conveyance has been executed and lodged for registration.

Acquisition of land for the construction of a portion of 40′ Road off Cadell Road South.—The case has not yet reached the Board of the High Court for hearing of the References as the claimants have not taken out Summons.

Acquisition of land for the proposed 40′ and 50′ Roads off Lady Jamshedji Road.—The inquiry before the special Land Acquisition Officer in respect of acquisition of Cases Nos. L.A.Q. 61/1, 61/2 and 61/3 has now been completed. The land Acquisition Officer will shortly issue his awards.

Acquisition of properties off Maruti Street, bearing C. S. Nos. 851 and 867 of Fort Division in connection with the construction of the proposed extension of the 60′ Parsi Bazar Street.—The land has been notified for acquisition under Section 6 of the Land Acquisition Act and the case is now proceeding before the Land Acquisition Officer for determining the compensation to be awarded for acquisition of the properties.

Mahim Development and other Schemes.

Ranade Road Extension Scheme.—Reference filed by the claimants in Cases Nos. L.A.Q. 2/1, 2/3 and 2/14 of this Scheme for determining compensation are still pending in the High Court as the claimants have not yet taken out Summons.

Lease of Port Trust Land to the Municipality at Mahim Causeway for Municipal Town Duty Office.—The draft lease prepared by the Port Trust has been returned duly approved for engrossment and execution.

Purchase by the Municipality of property bearing C.S. No. 1006 (part) of Mahim Division.—The Conveyance has been executed and it is now lodged in the office of the Sub-Registrar for registration.

Taking over the Maintenance of the Sewage Pumping Station of the Bombay Development Department Chawls originally erected by Government—C.S. No. 147 (part) of Sewri Division.—The lease has been executed and registered.

Purchase by the Municipality of the Bombay, Baroda and Central India Railway land at Mahalaxmi for providing a staircase to Station overbridge.—The conveyance has been executed and lodged for registration in the office of the Sub-Registrar.

Exchange of Government land at Mahim Causeway with Municipal land at Love Grove Road, Worli.—The Legal costs in respect of drafts, etc., of the lease payable to the Municipality are yet to be settled.

Acquisition of land for the consructtion of a Town Duty Office at Duncan Causeway, Sion.—The proposal to acquire land has been dropped in view of the present abnormal times.

Housing Accommodation Scheme for Fishermen at Mahim Causeway.—The draft lease prepared by the Solicitors to Government has been forwarded to the Municiality for approval.

Acquisition of land for Improvement Scheme for the area around Lohar Gully, Wanzawady, Mahim.—The Scheme will shortly be notified under Section 354(1)(*i*) of the Municipal Act.

Proposed Improvement Scheme and acquisition of land for laying out a 72′ road connecting Girgaum Road with Queens Road and 40′ road joining this road with Mangalwadi Street.—The proposed road lines have now been laid out and the execution of the Scheme under Chapter XII-A has been postponed till the amendment of the Municipal Act.

Acquisition of land out of properties in C.S. Nos. 521, 335 and 1208, Mahim Division under the Land Acquisition Act, Mahim Development Scheme.—Negotiations for acquisition of land by amicable settlement have now been completed and the Government is being requested to notify the properties.

Revenue Suit No. 1 of 1940, Assessment of Crawford Market to Land Revenue.—An appeal in the suit is pending before the High Court.

Reservation of an area for a recreation ground in lieu of Parel Tank site resumed by Government.—The Government have refused to hand over a triangular strip of land from the Halfkine Institute compound for being absorbed in the play-ground. However negotiations are still proceeding with Government.

Construction of the 40′ road in Case No. 2, Scheme 53 and grant of access to the owners of property, bearing C.S. No. 253, Tardeo Division on payment of betterment charges, etc.—The proposed 40′ road has been lined out and the possession of land required for the road has been taken from the owner and possession of Municipal land has been handed over to the owner.

Lease of Port Trust land at King Edward Road for the provision of a Public Urinal.—The Bombay Port Trust have now agreed to lease the land and possession will be taken after it is vacated by a tenant.

Acquisition of land along Drainage channel for shifting cemeteries at Haines Road.—The land required by the Municipality has been notified under Section 4 of the Land Acquisition Act and enquiry under Section 5 (A) of the Land Acquisition Act is proceeding before the Collector of Bombay.

Acquisition of land for the construction of a Road on Tulsi Pipe Line land between Haines Road and Mahim Creek.—The proposal to tackle the scheme by sections is being submitted to the Corporation.

Access has under agreements been given from Municipal Tulsi Pipe Line land to the owners of the properties mentioned below :—

(1) C.S. No. 1332 of Lower Parel Division.

(2) C.S. No. 1336 of Lower Parel Division.

(3) C.S. No. 436 of Mahim Division.

(4) C.S. No. 780 of Mahim Division.

Acquisition of Municipal land by G. I. P. Railway for means of access to its King's Circle Station.—The Municipal land forming part of Plot No. 7, Scheme 6 (West) and admeasuring about 93.57 square yards has been acquired by Government under the Land Acquisitin Act, under Case No. L.A.Q. 58 and possession taken by Government on 31-3-1945. The amount awarded for Municipal interest is Rs. 145-5-0 inclusive of 15 per cent. for Compulsory Acquisition.

Police Accommodation Scheme at Mahomedally Road in Scheme 37.—Negotiations for the sale of plots Nos. 16 and 19 to 22 have been completed and the purchase price has been demanded from Government before possession of the plots is handed over to Government.

Acquisition of Land by the Defence Department.—The land comprised in Plots Nos. 140 and 103 and part of Service Passage to the South of Agripada West Estate has been acquired by the Government. Negotiations for fixing the compensation for Municipal interest has fallen through and it is proposed to refer the matter to Arbitration.

The land comprised in plots Nos. 113-114 and 108 in Scheme 6 (East) has been acquired by Government and negotiations for fixing the compensation for Municipal interest are proceeding.

Special Road Schemes.

Hornby Road to Ballard Pier Scheme.—The total rent recovered from the Scheme during the yea amounted to Rs. 1,656. The previous year's recovery was Rs. 1,922-5-0.

Palton Road Estate.—The semi-permanent sheds in this Estate are let to poor tenants. The total rent recovered from the Estate during the year amounted to Rs. 13,161. The previous year's realization was Rs. 11,892.

No appreciable change could be effected in other Schemes.

Statement "A" attached indicates the progress in the disposal of municipal lands during the year under report and Statement "B" gives the details of the collection of revenue from the buildings and lands let for purposes other than cultivation. It will be seen that the value of municipal lands disposed of during the year came to Rs. 3,78,279 as against Rs. 3,59,972 during the previous year. The total value of municipal land available for disposal as on 1st April 1945 was about Rs.6,83,400 out of which land valued at Rs.3,98,600 is likely to be disposed of in the near future. The amount of fees collected from rights of cultivation, tapping etc. came to Rs. 3,220.

H. B. SHIVDASANI.

Deputy Municipal Commissioner
(Improvements)

STATEMENT "A".

The figures indicate progress in the disposal of old Municipal Land in the year as follows :—

No.	Particulars.	Number of Plots.	Area in square yards.	Capital Value. Rs. a. p.
I.	Plots leased on rental basis	...	...	...
II.	Plots leased on Premium basis	...	...	...
III.	Land sold	4	1,836.00	3,78,279 0 0
	Total ...	4	1,836.00	3,78,279 0 0
	Corresponding Figures:—			
	1941-42	25	18,848.84	3,80,724 8 0
	1942-43	3	1,098.00	6,055 0 0
	1943-44	4	6,910.00	3,59,972 0 0

STATEMENT "B".

Collection of Revenue in respect of Old Municipal Properties.

Details of the collection of revenue during the year 1944-45 can be seen from the following table :—

Particulars.	Revenue. Permanent.	Temporary.	Total.
	Rs	Rs	Rs.
Amount of collection (Demand for the year)	1,34,109	3,54,507	4,88,616
Amount of arrears for the year	*12,400	47,841	60,241
Total ...	1,46,509	4,02,348	5,48,857
Amount collected	1,41,417	3,38,200	4,79,617
Amount written off	...	3,981	3,981
Arrears as on 1st April 1945	5,092	60,167	65,269
Arrears as on 1st April 1944	12,350	47,841	60,191
Arrears as on 1st April 1943	17,483	43,708	61,191

* The difference of Rs. 50 is due to certain omissions in the writing of the demand of Rs. 159 in respect plot No. 213 of Shivaji Park Scheme.

The permanent revenue demand and collection is in respect of 230 plots and the percentage of collection to demand is 95.69.

APPENDIX "A" *Capital Account.* (Figures in Lakhs).

Particulars.	1941-42 In the year.	1941-42 To end of the year.	1942-43 In the year.	1942-43 To end of the year.	1943-44 In the year.	1943-44 To end of the year.	1944-45 In the year.	1944-45 To end of the year.
RECEIPT.								
Loan ...	...	1,736.9	...	1,736.9	...	1,736.9	...	1,736.9
Discount or Premium ...	...	—14.2	...	—14.2	...	—14.2	...	—14.2
Sale Proceeds ...	15.8	399.2	28.0	427.2	42.0	469.2	36.1	505.3
Appropriation from General Account ...	5.8	—177.0	—16.2	—193.2	—2.5	—195.7	+2.5	—193.2
Special contribution from Government...	...	54.0	...	54.0	...	54.0	...	54.0
Release of Debentures lodged with Govt.	...	42.6	...	42.6	...	42.6	...	42.6
Extraordinary receipts ...	...	25.1	...	25.1	...	25.1	...	25.1
Miscellaneous ...	...	0.1	...	0.1	...	0.1	...	0.1
Total ...	21.6	2,066.7	11.8	2,078.5	39.5	2,118.0	38.6	2,156.6
EXPENDITURE								
I.—On Govt. and Municipal Property—								
Schedule 'W' ...	...	13.1	...	13.1	...	13.1	.2	13.3
Do. 'X' ...	...	16.2	...	16.2	...	16.2	...	16.2
Do. 'Y' ...	...	4.7	...	4.7	...	4.7	...	4.7
Police Accommodation Schemes	...	91.6	...	91.6	...	91.6	...	91.6
Total ...	...	125.6	...	125.6	...	125.6	.2	125.8
II.—On the Trust own acquired lands—								
Cost of Management and Estab.	1.0	182.9	1.2	184.1	1.4	185.5	1.3	186.8
Acquisition of land ...	0.7	977.0	2.4	979.4	...	979.4	...	979.4
Chawls ...	0.7	131.0	...	131.0	0.1	131.1	...	131.1
Roads ...	3.6	404.8	3.0	407.8	2.8	410.6	2.7	413.3
Other works ...	0.8	24.3	0.3	24.6	0.6	25.2	.2	25.4
Mill companies chawls ...	...	7.7	...	7.7	...	7.7	...	7.7
Total ...	6.8	1,727.7	6.9	1,734.6	4.9	1,739.5	4.2	1,743.7
III.—Miscellaneous—								
Office Buildings ...	...	4.5	...	4.5	...	4.5	...	4.5
Other items ...	...	12.3	...	12.3	...	12.3	...	12.3
Total ...	...	16.8	...	16.8	...	16.8	...	16.8
IV.—Disposal of Profits ...	...	...	...	...	...		...	...
V.—Debentures lodged with Govt. ...	...	42.6	...	42.6	...	42.6	...	42.6
VI.—Repayment of Loan ...	...	67.8	7.7	75.5	...	75.5	21.8	97.3
Total ...	6.8	1,980.5	14.6	1,995.1	4.9	2,000.0	26.2	2,026.2
Balance ...	14.8	86.2	—2.8	83.4	34.6	118.0	12.4	130.4

APPENDIX "B"

Analysis of General Account

(Figures in columns 2 to 12 shown in lakhs)

Year.	Receipts: Rents.	Receipts: Municipal contribution.	Receipts: Share of tobacco duty.	Receipts: Interest on investment.	Receipts: Miscellaneous.	Receipts: Total.	Expenditure: Maintenance.	Expenditure: Municipal rates and taxes.	Expenditure: Interest and sinking fund.	Expenditure: Miscellaneous.	Expenditure: Total.	Balance appropriated to Capital account.
(1)	(2)	(3)	(3A)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1898-1899 ...	1.9	...	...	...	...	1.9	0.1	...	...	...	0.1	1.8
1899-1900 ...	0.7	...	...	0.8	...	1.5	0.2	0.2	...	...	0.4	1.1
1900-1901 ...	0.9	4.8	...	1.6	...	7.3	0.3	0.2	2.2	...	2.7	4.6
1901-1902 ...	1.2	4.8	...	1.5	...	7.5	0.4	0.2	2.5	...	3.1	4.4
1902-1903 ...	1.4	5.0	...	3.5	...	9.9	0.4	0.2	4.1	...	4.7	5.2
1903-1904 ...	2.6	3.5	...	2.3	...	8.4	0.4	0.4	5.7	0.1	6.6	1.8
1904-1905 ...	5.8	2.0	...	2.7	...	10.5	0.7	0.9	8.1	0.1	9.8	0.7
1905-1906 ...	9.7	2.5	...	1.9	...	14.1	1.4	1.3	10.1	0.1	12.9	1.2
1906-1907 ...	8.5	3.0	...	2.1	0.1	13.7	1.9	1.1	11.2	0.1	14.3	—0.6
1907-1908 ...	8.1	3.6	...	2.4	0.1	14.2	2.2	1.10	12.1	0.1	15.4	—1.2
1908-1909 ...	9.4	4.5	...	1.2	0.1	15.2	2.5	0.8	13.0	0.1	16.4	—1.2
1909-1910 ...	11.4	7.8	...	1.5	0.2	20.9	*3.3	1.0	16.0	0.1	20.4	0.5
1910-1911 ...	14.4	8.9	...	1.5	0.1	24.9	*3.1	1.0	19.1	0.1	23.3	1.6
1911-1912 ...	16.6	8.6	...	2.2	0.1	27.5	*3.0	1.3	20.2	0.1	24.6	2.9
1912-1913 ...	18.0	9.2	...	2.0	...	29.2	*2.7	1.0	20.5	0.1	24.3	4.9
1913-1914 ...	20.9	9.3	...	2.5	...	32.7	*2.4	1.2	21.4	0.3	25.3	7.4
1914-1915 ...	23.0	9.8	...	1.5	0.1	34.4	2.7	1.5	22.4	0.3	26.9	7.5
1915-1916 ...	24.8	10.2	...	1.5	...	36.5	2.9	1.6	23.8	0.3	28.6	7.9
1916-1917 ...	27.2	11.0	...	2.5	0.1	40.8	3.1	1.7	25.8	0.2	30.8	10.0
1917-1918 ...	29.8	11.0	...	2.9	0.1	43.8	3.6	1.7	25.6	0.2	31.1	12.7
1918-1919 ...	33.2	11.5	...	2.0	0.1	46.8	3.6	2.0	25.2	0.2	31.0	15.8
1919-1920 ...	35.7	15.2	...	1.7	0.2	52.8	3.7	2.2	24.1	0.6	30.6	22.2
1920-1921 ...	37.5	15.7	...	5.4	0.5	59.1	4.0	2.4	29.4	1.0	36.8	22.3
1921-1922 ...	43.4	15.8	....	5.4	0.4	65.0	6.4	2.9	52.6	0.6	62.5	2.5
1922-1923 ...	45.0	17.9	...	4.9	0.1	67.9	7.9	3.5	64.1	—0.5	75.0	—7.1
1923-1924 ...	44.2	19.1	...	7.6	0.2	71.1	9.6	3.2	74.2	0.6	87.6	—16.5
1924-1925 ...	50.5	20.2	...	6.4	0.4	77.5	9.0	4.4	80.6	0.6	94.6	—17.1
1925-1926 ...	48.7	22.3	...	6.8	0.2	78.0	8.6	3.4	93.7	0.2	105.9	—27.9
1926-1927 ...	49.5	22.4	...	7.2	3.2	82.3	9.6	3.6	90.5	—0.3	103.4	—21.1
1927-1928 ...	48.5	23.1	...	6.3	2.3	80.2	11.3	3.8	90.2	...	105.3	—25.1
1928-1929 ...	47.6	23.0	...	3.8	1.0	75.4	10.6	2.7	90.4	...	103.7	—28.3
1929-1930 ...	51.0	22.9	...	2.7	0.1	76.7	10.2	2.9	89.3	...	102.4	—25.7
1930-1931 ...	50.2	23.1	...	2.7	0.2	76.2	10.2	3.4	92.1	...	105.7	—29.5
1931-1932 ...	49.3	23.5	...	1.4	0.1	74.3	10.5	3.3	94.3	...	108.1	—33.8
1932-1933 ...	49.3	23.5	7.4	1.1	0.1	81.4	11.8	3.0	96.5	...	111.3	—29.9
1933-1934 ...	49.2	32.9	11.4	3.9	...	97.4	7.5	4.4	98.2	...	110.1	—12.7
1934-1935 ...	50.9	33.4	10.9	3.3	...	98.5	9.6	4.2	98.6	...	112.4	—13.9
1935-1936 ...	50.3	33.4	9.8	2.8	0.1	96.4	9.5	3.8	102.3	20.8	136.4	—40.0
1936-1937 ...	51.2	32.2	11.8	4.9	0.2	100.3	10.3	3.6	85.2	...	99.1	+1.2
1937-1938 ...	50.6	34.4	12.4	4.6	0.6	102.6	10.5	3.3	83.1	...	96.9	+5.7
1938-1939 ...	52.0	34.3	10.4	4.2	0.4	101.3	15.0	3.2	80.9	...	99.1	+2.2
1939-1940 ...	53.5	37.1	9.9	3.4	0.4	104.3	16.1	3.4	80.2	...	99.7	+4.6
1940-1941 ...	52.5	35.7	5.4	3.9	0.6	98.1	18.1	3.6	80.3	...	102.0	—3.9
1941-1942 ...	52.3	36.9	10.0	4.0	0.3	103.5	14.3	3.4	80.0	...	97.7	+5.8
1942-1943 ...	54.2	24.7	4.1	4.0	0.3	87.3	14.4	3.2	79.6	6.3	103.5	—16.2
1943-1944 ..	54.7	26.3	10.0	4.0	0.4	95.4	15.2	3.2	79.5	...	97.9	—2.5
1944-1945 ...	60.0	27.3	10.0	4.4	0.3	102.0	17.3	4.1	78.1	...	99.5	+2.5
Total to the end of 1944-1945.	1,551.3	807.3	123.5	150.9	13.7	2,646.7	322.1	108.4	2,377.0	32.4	2,839.9	—193.2

Remarks. (13)

Rent received in 1898-99 was mainly rent under Schedule 'Z'

*Includes interest paid to Government and the Municipality under Section 68 (1) of the old Act as shown below :—

Year.	Government. Rs.	Municipality. Rs.	Total. Rs.
1909-10 ...	65,350	41,241	1,06,591
1910-11 ...	46,440	37,841	84,281
1911-12 ...	61,858	37,276	99,134
1912-13 ...	68,194	37,431	1,05,625
1913-14 ...	54,644	27,668	82,312
Total ...	2,96,486	1,81,457	4,77,943

APPENDIX

Particulars of Municipal (Improvements) Chawls, Capital Cost, Net Annual Returns

Serial No.	Name of the Chawl.	Year in which the site of chawls appropriated for construction of chawls.	Total area of the site of chawls Sq. Yds.	Rate per Sq. Yd. as in the year given in column 3.	Value of the site (cols. 4×5)	Constructional cost of the chawls including 7½ per cent. for management and establishment.	Cost of work, value of land and management and establishment charges (columns 6 and 7).	Interest and Sinking fund charges on Capital outlay at 4.61 per cent. on column 8 up to 1919 and thereafter at 6.35 percent.	Full letting value per annum.	Annual profit + or loss − i.e. 43.59 per cent. of column 10−9.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			Sq. Yds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1—4 Agripada A Chawls ...	1900	7,285	7	50,995	1,85,505	2,36,500	10,903	22,642	−1,033
2	5—16 Do. B do. ...	1903	11,925	6	71,750	5,41,639	6,13,189	28,269	59,806	−2,208
3	31—32, 38—40, 45—46 Do. C do. ...	1903	6,251	6	37,506	2,79,182	3,16,688	14,599	31,551	−846
4	19—24 Chandanwadi Chawls ...	1904	9,664	15	1,44,960	3,76,915	5,21,875	24,059	61,452	+2,727
5	25—27, 29, 30 & 41 Imamwada A Chawls ...	1905	13,442	13.8	1,81,467	4,98,562	6,80,029	31,349	63,174	−3,812
6	50 Do. B do. ...	1905	949	13.8	12,811	19,368	32,179	1,483	2,324	−470
7	33—37 Mandvi-Koliwada Chawls ...	1908	4,169	75	3,12,675	2,76,040	5,88,715	27,140	54,618	−3,332
8	51 Workmen's Cottages, Matunga ...	1905	944	5	4,720	12,083	16,803	774	1,260	−225
9	17—18 Nagpada A Chawls ...	1903	2,569	7	17,983	82,358	1,00,341	4,626	11,124	+223
10	39 Do. B do. ...	1904	2,099	7	14,693	99,776	1,14,469	5,277	11,124	−428
11	28 Princess Street Chawls ...	1907	1,480	30	44,400	42,412	86,812	4,002	5,952	−1,408
12	42—44, 47—49 Suparibaug Chawls ...	1910	8,081	4.8	36,364	3,39,878	3,76,242	17,345	33,480	−2,751
13	52—57 Chinch Bunder Chawls ...	1913	8,496	(d) 26.66	2,26,560 (c)	3,79,622	6,06,182	27,945	46,632	−7,618
14	... Cottage Blocks (old) ...	1920	2,780	10	27,800	36,069	63,869	4,056	3,024	−2,738
15	58—61 Mahar Chawls ...	1921	4,181	15	62,715	4,39,814	5,02,529	31,911	28,392	−19,535
16	62 Peons Chawls ...	1921	3,419	15	51,285	1,70,863	2,22,148	14,106	12,264	−8,760
17	63—66 Mominpura Chawls (Old) ...	1921	7,760	15	1,16,400	4,31,655	5,48,055	34,801	24,384	−24,172
18	67—72 Three-room tenements, Scheme 5	1922	5,609	4	33,654	2,64,717	2,98,371	18,946	14,112	−12,795
19	73—78 Two-room tenements, Scheme 6	1922	4,234	6	25,404	2,91,972	3,17,376	20,153	17,280	−12,621
20	79—85 Cottage Blocks (new) ...	1922	7,808	6	46,848	69,312	1,16,160	7,376	2,760	−6,173
21	Blocks. 1—19 Bellasis Road Chawls ...	1922	35,704	19	6,78,376	25,75,065	32,53,441	2,06,594	1,55,724	−1,38,714
22	1—16 Mazagaon Chawls ...	1922	29,081	10	2,90,810	21,77,079	24,67,889	1,56,711	1,10,772	−1,08,426
23	1 Mominpura Chawls (New) ...	1923	3,911	20	78,220	3,14,276	3,92,496	24,923	21,348	−15,617
24	1—23 Love Lane Chawls	1925	13,367	18.8	2,47,289	11,36,407	13,83,696	87,865	86,412	−50,198
25	1—10 Sydenham Road Chawls ...	1925	12,795	16	2,04,720	7,78,071	9,82,791	62,407	58,266	−37,007
26	1—2 Paltan Road Chawls ...	1940	3,255	25	81,375	2,32,503	3,13,878	19,931	24,246	−9,361
	Total	...	2,11,258	...	31,01,580	1,20,51,143	1,51,52,723	8,87,551	*9,64,123	−4,67,290

* The full letting value as stated in the last Administration Report was Rs. 9,62,211. The increase of Rs. 1912 is mainly due to the restoration of standared rents of godowns and shops situate at Mandvi-Koliwada and Paltan Road.

(a) Rs. 7—13—0 for 8 rooms being two-room tenements.

(b) Represents looms.

(c) This figure represents the value at Rs. 40 per sq. yd. of the site situate between the 25' road and the Railway and measuring 5664 sq. yds.

(d) This figureis arrived at by dividing (c) by 8496 sq. yds.

A= Rooms occupied by Mukadams.
B= do used for Office & Stores.
C= do temporarily occupied by Schools.
D= do occupied by Chawl Supdts. quarters including Office & Stores.
E= do do do Shops
F= do do do Gymnasiums..
G= do do do Godowns.

APPENDIX

Statement showing dishousing and rehousing operations on

Years.	Number of tenements demolished up to the end of the year				Number of tenements provided up to							
					In Chawls			In Police Accommodation, Poor Classes Accommodation, Companies and B. D. Chawls				
	One room.	Two room.	Larger.	Total Col. (2) to (4).	Permanent.	S. P. Sheds.	Total Col. (6) and (7).	One room.	Two rooms.	Larger.	Servants quarters.	Total Col. (9) to (12).
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1898-99 to 1942-43. ...	29,243	5,458	3,653	38,354	10,010*	3,617	13,627	18,197	51	145	162	18,555
1943-44 ...	49	9	3*	61	...	...	...	...	...	...	...	...
1944-45 ...	31	12	7	50	...	...	...	...	...	...	...	...
Total ...	29,323	5,479	3,663	38,465	10,010	3,617†	13,627	18,197	51	145	162	18,555

* This figure is exclusive of Godowns and Gymnasiums.

C.

Number of tenements, full letting value and permissible actual population.

Percentage of net annual return (43.59 per cent. of col. 10) of capital cost (col. 8).	Total Number of rooms. Column 18+19.	Number of floors including ground floor.	Floor area of tenements including verandah.	Rent per room as on 31-3-1945.	Net profit+ or loss — per room (column 11÷13).	Number of rooms let for living purposes.	Numbers of rooms let for Shops, Godowns, or Municipal purposes.	Total population	Equivalent Adults.	Maximum permissible population in adults. Population per tenement.	Total population.	Population per area in largest groups as per column No. 20.
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	22	23	(24)
			Sq. ft.	Rs. as.		Rs.						
4.17	312	3	175	5 10	—3.3	275	7—D	2,368	1,484	5	1,375	
4.25	(a) 1 658 288	4	110 142	(a) 7 13 4 15 5 4	—2.32	927	30—E 19—E	3,072	2,687	4	3,708	1,103
4.34	432 1 (Verandah)	4	177	5 10	—1.95	413	19—E, 1—F	2,074	1,858	5	2,065	
5.13	674	4	125	7 7	+4.04	664	2—D, 8—E	2,882	2,452	4	2,656	1,260
4.05	857	4	135	6 3	—4.45	845	1—B, 4—C & 7—D	3,187	3,025	4	3,380	1,081
3.15	30	2	160	6 7	—15.67	30	...	142	132	4½	135	
4.04	278	4	176	6 15 8 1	—11.98	222	30—E26—G	1,194	1,040	5	1,110	952
3.26	15	1	120	7 1	—15	15	...	...	...	4½	67½	...
4.83	144	4	148	6 7	+1.55	144	...	805	757½	5	720	1,180
4.23	144	4	160	6 7	—2.97	144	...	520	472½	3½	504	
2.99	64	4	131	7 12	—22	64	...	327	296	4	256	...
3.88	481	4	176	5 13	—5.72	479	1—D	2,593	2,461½	4½	2,155½	...
3.35	405	2	176	6 4	—18.81	372	1—F 33—G	1,987	1,828½	3½	1,302	1,001
2.06	14	1	175	18 0	—195.57	14	...	...	...	5	70	...
2.46	325	4	176	7 3	—60.11	320	4—E 1—F	3,400	1,940	5	1,600	...
2.41	134	4	176	8 0	—65.37	131	3—E	791	514	5	655	...
1.93	246	4	76	7 0	—59.53	240	6—D	1,611	964½	5	1,200	936
2.06	(b) 160 36	3	62	Rs. 30, 33 & 35	—355.41	36	...	...	...	...	...	...
2.37	72	1	338	Rs. 17, 19, 20 & 22.	—175.29	72	...	...	...	...	...	...
1.03	10	4	325	Rs. 23-0-0	—617.3	10	...	...	...	...	...	...
2.08	1,549	4	176	Rs 5,8,9-8 & 10	—89.54	1,513	20—C 7—D & 9—E.	6,551	6,088	5	7,565	...
1.96	1,305	4	176	Rs 7 & 7-8	—83.08	1,272	25—C, 6—D & 2—E	6,856	6,208	5	6,350	...
2.37	234	4	176	Rs. 7-0	—54.22	228	6—E	1,494	919	5	1,140	1,529
2.72	(a) 54 821	4	176	Rs. 8, 8-8, 9, 9-8, 10, 10-8 & 12	—61.14	792	1—B, 21—E, 6—D & 1—F	4,515	4,335½	5	3,960	...
2.58	391	4	176	Rs. 8-8, 9, 9-8, 10, 18, 19 & 20	—94.65	385	2—A, 1—B, 1—C, 1—D & 1—E	1,945	1,730½	5	1,925	...
3.37	156	4	180	Rs. 8, 8-8, 9 & 10	—60.01	126	23—E 7—G	674	615	5	630	...
2.77	10,075 (a) 215 1 (Verandah)	...	...	...	—45.41	9,733	343	48,986	41,808½	...	44,529	...

@ 2—A, 4—B, 50—C, 42—D, 175—E, 4—F, 66—G, = 343.

D.

Estates since the commencement of the late Trust.

THE END OF THE YEAR — IN LESSEES' BUILDINGS: One room.	Two rooms.	Larger.	Servants' quarters.	Total cols. 14 to 17	TOTAL: One room cols. 8+9+14.	Two rooms cols. 10+15.	Larger cols. 11+16.	Servants' quarters cols. 12+17.	Grand Total cols. 19 to 22.	NET ADDITION (+) OR REDUCTION (—): In year cols. 23—5.	To end of year.
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
17,635	7,557	9,801	2,214	37,207	49,459	7,608	9,946	2,376	69,389	+31,035	+31,035
...	31	28	4	63	...	31	28	4	63	+2	+2
...	...	...	...	...	...	...	...	...	...	—50	—50
17,635	7,588	9,829	2,218	37,270	49,459	7,639	9,974	2,380	69,452	+30,987	+30,987

WATER WORKS.

Subject: *Administration Report for the year 1944-45.*

1. During the year under review I held the charge of this Department.

2. The Report is arranged under the following heads:—

(1) City Water Supply System.
(2) Supply Statistics.
(3) Lakes and their statistics.
(4) Outside City Branch.
(5) Distribution Branch.
(6) Waste Prevention Branch.
(7) Meter Branch.
(8) Maintenance Branch.
(9) Construction Branch.
(10) Survey and Design Branch.
(11) Works of Interest.
(12) Works for Improvement of Distribution System.
(13) Measures for Civil Defence.
(14) General.

I.—CITY WATER SUPPLY SYSTEM.

Sources of supply.

3. All the areas in the City, except for the elevated portions at Malabar Hill, Altamount Road, Carmichael Road and Dongri, were supplied water by gravity from the Tansa, the Vehar and the Tulsi lakes.

Tansa Lake.

4. The Tansa Lake, which forms the main source of the City Water supply, is situated sixty-six miles by road from Bombay towards the north east. The supply brought from Tansa through the two 72″ steel mains and the Duct Line consisting of Syphons, Masonry Duct and tunnels amounted to 93.25 million gallons per day out of the total supply of 114.52 million gallons per day.

Alignment of the 72″ and 57″ mains.

5. The two 72″ steel mains each 40½ miles long, take off from the outlet well and follow the low-lying country to the west of the old masonry aqueduct and meet the Kasheli Syphon at Pogaon about 9 miles to the north of Thana, whence they runs parallel with Kasheli Syphon, crossing the Bassein Creek on the new bridges over which runs the Bombay Agra Road, South of Thana they run parallel with the old duct line. At Bhandup they run southwards and pass under the old masonry aqueduct into the country between the Vehar and Powai Lakes. The two 72″ steel mains are reduced to 57″ at Powai and a 60″ steel main 3½ miles long (Powai-Ghatkopar cross-connection) forms a connecting link between the two 72″ and old duct line. The two 57″ steel mains cross the Bandra Creek on an independent bridge situated between Ghodbunder Road and the Railway Bridge whence they enter the City limits and run underground. The total length of the 57″ East and Wetst mains (Powai to Gowalia Tank) is 25.75 miles each. The 57″ East main carries all its supply to the Malabar Hill Reservoir whereas the bulk of the supply from 57″ West main is distributed directly to G Ward and other areas, *viz.*, Tardeo, Sleater Road, Gowalia Tank Road, Forjett Street, Gamdevi and a portion of Grant Road.

Alignment of the Masonry Duct.

6. The old duct line follows, as far as practicable, the contour of the country along the ranges of hills between Tansa and Ghatkopar and is tunnelled through the hills at 13 places. The total length of masonry duct is about 23.25 miles and that of the tunnels 4.25 miles. The intervening valleys have been crossed by 48″ Cast Iron and 50″ steel pressure pipes in the form of inverted syphons. There are nine such syphons of a total length of 23.75 miles. The duct line enters the City as two 48″ Cast Iron mains known as the Old and New Tansa mains. The total length of New Tansa main is 26.75 miles, and that of the Old Tansa main is 25.30 miles. The Old 48″ Tansa main distributes its supply to the lower parts of the city, *viz.*, Parel, Kalachowky, Sewri, Lamington Road (North), Arthur Road, and a portion of E Ward comprising Souter Street, Clare Road and Byculla, while the bulk of the water from the New Tansa main goes to Bhandarwada Hill Reservoir, and a small quantity is supplied to Parel Village.

Vehar Lake and alignment of 48″ Cast Iron main.

7. The next in importance is the Vehar Lake, which is situated 18 miles by road from Bombay towards the northwest. About 17.65 million gallons per day were supplied to the whole of the F Ward.

The 48″ Vehar main passes through Kurla and crosses the railway line to Chembur Sluice House where it reduces to 32″ diameter and skirts the country from the east of the G. I. P. Railway, entering the City at Vincent Road. A 24″ main bifurcates at Kurla which, along with the 32″ main, supplies water to this part of the Suburb and North of the City, *viz.*, Sion, Dadar-Matunga Estate, Naigaum Estate, Jerbai Wadia Road, King Edward Road, etc.

Tulsi Lake and alignment of 24″ Tulsi main.

8. The Tulsi Lake is situated north of the Vehar lake and supplied 3.62 million gallons per day. A 24″ cast iron main which runs mostly along the two 57″ steel mains is connected to the Malabar Hill Reservoir, but the supply from this Lake is given to the Western Suburbs, *viz.*, Bandra Khar, Santa-Cruz, Ville-Parle, Andheri and Marol, which require water at high pressure. The 24″ sluice valve at Bandra Sluice House on the 24″ Tulsi main is so regulated during the night time, when the pressures are very high in the main, as to allow a small quantity of water to pass to the City to avoid dead end and consequent stagnation and to prevent pressures in 24″ main rising too high on account of less draw-off by the Suburbs during the night. The stretch of 24″ Tulsi main from Bandra Sluice House upto Haines Road is supplied water from the 57″ West main through 12″ cross connections at Lady Hardinge Road, Portuguese Church Street and Fergusson Road, and serves the entire G Ward.

II.—SUPPLY STATISTICS.

9. The total quantity of water supplied to the City and Suburbs during the year from various sources amounted to 41,802 million gallons or an average of 114.52 million gallons per day, the corresponding figures for the preceeding leap year being 41,820 million gallons or an average of 114.26 million gallons per day, *i.e.*, an increase of .26 million gallons per day. The average daily supply to the Suburbs was 4.98 million gallons per day drawn mainly through 24″ Tulsi, 57″ Tansa West and 24″ Vehar mains. The balance of 109.54 million gallons per day was supplied to the City which, distributed amongst 14,89,883 souls (as per the Census Report

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11,700 R.ft.
1,220 R.ft. of 72" mains in Salsette Division.

About 900 number of rivetted circumferential joinsts of the 48" Vehar steel main which had corroded very badly, were thoroughly scraped, cleansed and painted.

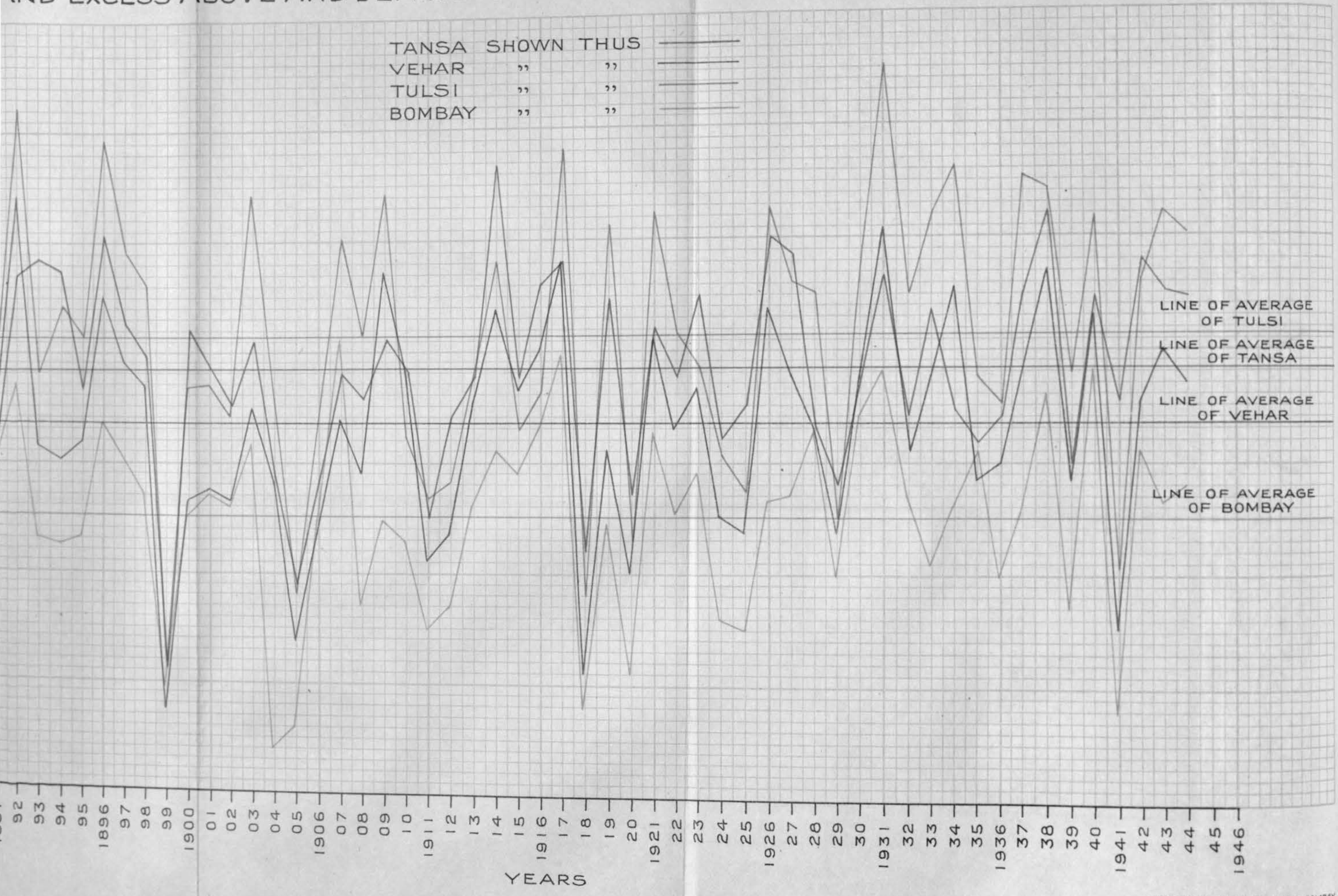
Red Lead paint was used for base coat and Graphite and Bituminous paints for covering coat. As red lead paint was very expensive it was used at places where mains were badly corroded. At other places two coats of Bituminous paints were used. All the paints were manufactured and supplied by Messrs Flintrock Products Company.

Also the bottom (7′ wide) strip of 57" steel mains in the Bandra Creek for a total length of 2,500 R.ft was painted with Red Lead and Graphite paints at an interval of two months, *i.e.*, a total length of 15,000 R.ft. (6 times 2,500′).

Regrading of mains. 20. 4 furlongs of 48" old and five furlongs of 50" New Tansa mains, were regraded at a cost of Rs. 1,833 and half furlong of 24" Tulsi main was regraded at a cost of Rs. 299.

APPENDIX 'C'
(PARAGRAPH 11)

GRAPH SHOWING
ANNUAL RAINFALL IN INCHES FROM 1887
AND EXCESS ABOVE AND DEFICIENCY BELOW AVERAGE RAINFALL OF 58 YEARS



THE TIMES OF INDIA PRESS, BOMBAY.

of 1941), amounted to 73.52 gallons per head per day for all purposes. If the actual population of the City is taken as about 25 lacs (including the floating population) the quota per head per day for all purposes works out to 43.8 gallons. The minimum and maximum supply per day amounted to 97.60 and 129.30 million gallons, respectively. The two 72" steel mains conveyed an average of 78.18 million gallons per day (28,537 million gallons per year), the duct 15.07 millon gallons per day (5,499 million gallons per year) the 48" Vehar main 17.65 million gallons per day (6,444 million gallons per year), and the 24" Tulsi main 3.62 million gallons per day (1,322 million gallons per year). The statement marked Appendix 'A' shows the supply utilised for various purposes, from which it will be seen that the quantity of water used purely for domestic purposes after deducting that for Industries, Street cleansing, Construction and other purposes was 26045.14 million gallons, *i.e.*, 47.89 gallons per head per day as per the Census figure of 1941, and 28.52 gallons per head per day as per actual population of 25 lacs (62.31 per cent. for domestic purposes and 37.69 per cent. for other purposes).

III.—LAKES AND THEIR STATISTICS.

10. The Appendix marked 'B' gives information regarding catchment and lake areas, full supply levels, rainfall, overflow, contents of the lakes, evaporation, absorption losses, etc.

11. The maximum rainfall during the year at Tansa, Tulsi and Vehar was 7.75" on 21st August, 8.00" on 29th October and 6.27" on 31st July 1944, respectively. The yearly rainfall at Tansa, Vehar, Tulsi and Bombay with the excess above and deficiency below average rainfall is shown in Appendix 'C'.

12. The figure of evaporation losses at the lakes for the various months during the year under review are tabulated in Appendix 'D'. The total loss due to evaporation during the months of April, May, October, November and December 1944, and January to March 1945, was 4080.51 million gallons from Tansa, 1143.24 million gallons from Vehar and 299.93 million gallons from Tulsi, *i.e.*, a total of 5523.68 million gallons per year. It is probably not realised what a large quantity of water is thus lost from the lakes. From Tansa alone a quantity equivalent to about 35 days' supply to the City was lost due to evaporation and the total evaporation losses per day from all the lakes worked out to 22.73 milloion gallons wheras the total loss due to evaporation, absorption leakages at lakes, etc., from all lakes was 7.07 million gallons, *i.e.*, 29.40 million gallons per day.

13. The Tansa and Tulsi lakes overflowed for 43 and 42 days respectively. The total quantity of water lost was 34,695 million gallons (32,945 million gallons from Tansa and 1,750 million gallons from Tulsi), equivalent to 303 days' supply at 114.52 million gallons per day.

14. During the period, the Tansa lake was overflowing, 116.41 million gallons of water were transferred from it, into the Vehar Lake through the duct line. Had more quantity been transferred the City's water-supply would have been affected.

IV.—OUTSIDE CITY BRANCH.

Trunk mains.

15. 197 miles of Trunk Mains of various sizes (Steel Mains 72"—81 miles; 60"—3¼ miles; 57"—14¼ miles; 48"—1¾ miles; 50"—18 miles; 48"—Lockbar 1 mile; Cast Iron mains 48"—31½ miles; 42"—¼ miles; 32"—3 miles; 24"—15¾ miles and masonry duct, including tunnels 27½ miles) were maintained during the year. The cost of materials was met from the grant under 'Materials for General Works and Repairs, Outside City, and that of Labour from Permanent Establishment grant. (Refer paragraph 38 for Materials and 112 for Labour).

Bursts and leaks on trunk mains.

16. Three main bursts occurred during the year

(*i*) On the 48" Old Tansa main at Pogaon;
(*ii*) On the 32" Vehar main at Chembur.
(*iii*) On the 24" Vehar main at Old Kurla.

The following heavy leaks were immediately attended to:—

(*a*) One on the 57" East Tansa main at Sahar.
(*b*) One on the 50" steel main in Pogaon Syphon.
(*c*) One on the 32" Vehar main at Chembur.
(*d*) Four on the 24" Tulsi main between Marol Venturi House and Bandra Sluice House.

The cost of labour was met from the permanent Establishment grant and that of materials from the grant for materials for General Works and Repairs, Outside Bombay (Ref. para. 38 for Materials and para. 112 for Labour).

Leaks on the Duct Line.

17. The work of stoppage of some big leaks and that of general repairs (including repairs to arching and removal of stones, etc.,) was carried out departmentally at a cost of Rs. 2,988. As the condition of the Duct Line has deteriorated resulting in loss of a large quantity of water at various places, the Corporation approved of the scheme of reconditioning it at an estimated cost of about Rs. 27 lakhs, but the work has been deferred pending the decision of the Corporation with regard to the Schemes of augmentation of water supply to the City.

Shrubs and Jungle.

18. The works of removing shrubs and jungle around the lakes and along the old Tansa Duct Line were carried out at a cost of Rs. 1,939 Besides, small shrubs and grass growing on downstream face of the masonry of the Tansa Dam were partly removed at a cost of Rs. 500.

Painting of steel mains.

19. 26,040 R.ft. of steel mains varying in sizes from 72" to 50" were painted at a cost of Rs. 13,318 in different divisions during the year as per details given below:—

7,920 R.ft. of 50" mains in Mandola Division.
5,200 R.ft. of 72" mains in Jamboli Division.
11,700 R.ft. of 50" mains in Kaehsli Division.
1,220 R.ft. of 72" mains in Salsette Division.

About 900 number of rivetted circumferential joinsts of the 48" Vehar steel main which had corroded very badly, were thoroughly scraped, cleansed and painted.

Red Lead paint was used for base coat and Graphite and Bituminous paints for covering coat. As red lead paint was very expensive it was used at places where mains were badly corroded. At other places two coats of Bituminous paints were used. All the paints were manufactured and supplied by Messrs Flintrock Products Company.

Also the bottom (7' wide) strip of 57" steel mains in the Bandra Creek for a total length of 2,500 R.ft was painted with Red Lead and Graphite paints at an interval of two months, *i.e.*, a total length of 15,000 R.ft. (6 times 2,500').

Regrading of mains.

20. 4 furlongs of 48" old and five furlongs of 50" New Tansa mains, were regraded at a cost of Rs. 1,833 and half furlong of 24" Tulsi main was regraded at a cost of Rs. 299.

21. 118 miles of embankment and cuttings, carrying the pipe lines and trolley tracks were maintained during the year; three over-bridges and 24 culverts were repaired; 20,000 sq. ft. of stone-pitching was done; earth-filling was carried out to the extent of 40,000, 40,000, 65,000, and 10,000 Cubic feet in the Salsette Kasheli, Jamboli and Mandola Divisions respectively. The works of making up the top of the embankment and trimming and regrading the side slopes were carried out to the extent of 6.22 miles, 9.89 miles and 6.22 miles in the Salsette, Kasheli and Jamboli Division, respectively; The work of removing sharp bends and bad kinks in the trolley track was carried out at various places 27, 21 and 37 numbers of such bend and kinks were removed and lines straightened in the Salsette, Kasheli and Jamboli Divisions respectively. The cost was met from the grant under Maintenance of Trolley Track, Embankments, etc. (Refer paragraph 25).

Embankment and Culverts.

22. Out of a total length of 81.5 miles of trolley track, only 65 miles were maintained to the extent of funds available. The cost was met from the grant under Maintenance of Trolley Track, Embankments, etc. (Refer paragraph 25).

Trolley Track.

23. The Loco covered 5,732 miles (a total of 45,568 miles since its purchase). The average cost of haulage including labour and material was Annas 9 pies 6 per mile. The reasons for the higher rate were higher cost of materials, repairs, etc. The Loco was idle for 141 days during the year on account of heavy repairs to the engine. The cost was met from the grant under Maintenance of Trolley Track, Embankments, etc. (Refer paragraph 25).

Diesel Loco IVON'

24. Light transport was carried out by push wagons and push trolleys. The number of push wagons and trolleys maintained during the year was 70 and 72, respectively. In addition to this six tip-wagons were used for embankment work. The total mileage for these vehicles came to about 2,90,500. The cost was met from the grant under Maintenance of Trolley Track, Embankment, etc. (Refer paragraph 25).

Push Wagons.

25. The cost of the works mentioned under paragraphs 21, 22, 23, 24, 34 was about Rs. 84,639 and was met from the grant under "Maintenance of Trolley Track Embankments Culverts, Bridges, Cuttings, Accommodation Roads and other incidental works" which was supplemented by Rs. 10,000.

Cost.

26. Four Heavy type and three light motor trolleys as per details given in Appendix 'E' (which also gives list of Plant and Machinery in the Outside City Division) were maintained during the year. The total mileage covered was 49,084 at a cost of Rs. 13,950, (*i.e.*, Annas 4 and Pies 6 per mile), which was met from the grant under Maintenance of Motor Trolleys. The grant was supplemented by Rs. 5,000 on account of high prices of materials and for the maintenance of two new light motor trolleys received on 30-8-1944.

Motor Trolleys.

27. The Tansa Atgaon Road which links the Bombay Agra Road with Tansa was maintained as usual jointly by the Municipality and the Forest Department. As the Forest Department had not maintained the Road in a satisfactory manner, probably for want of sufficient funds, it was suggested to the Chief Conservator of Forests to revise the amount for the cost of maintenance and to hand over the maintenance work to the Bombay Municipality, but no definite decision was arrived at during the year.

Tansa Atgaon Road.

28. (*a*) *General.*—Water was sterilized by Chloramine treatment consisting of Ammonium Sulphate solution and Liquid Chlorine in case of Tansa and Vehar supplies. For Tulsi supply, Liquid Chlorine was used throughout the year but on account of non-availability of Ammonium Gas, Ammonium Sulphate was used upto 20-1-1945. After that Ammonia Gas which was available was used till the end of the year. As the cast iron tank, which was erected at Powai last year withstood staisfactorily the corrosive action of Ammonium Sulphate, another such tank has been erected. The cast iron tank was painted from time to time with Bituminous paint.

Sterilisation of water supply.

(*b*) *Tansa Supply.*—The Tansa supply was sterilized at the Chlorination Plant at Powai and Ghatkopar. The minimum and maximum doses of Chlorine were .51 and .80 parts per million parts, respectively, and those for Ammonia were 0.02 and 0.21 parts per million.

(*c*) *Vehar Supply.*—The Vehar supply was sterilized at the Chlorination Plant at Powai. The minimum and maximum doses of chlorine were 0.65 and 0.96 parts per million and those for ammonia were 0.02 to 0.27 parts per million respectively.

(*d*) *Cost.*—The total expenditure on purification of Tansa, Vehar and part of Tulsi supply was Rs.1,97,0-3 which includes the cost of 1,85,524 lbs. of Chlorine, 72,587 lbs. of Ammonium Sulphate, 1,074 lbs. of Ammonia Gas, 74,627 lbs. of Alum, Analysis charges, and repairs maintenance and establishment. The cost for 1,000 gallons and one million gallons works out to 0.9 pies and Rs. 4.7 respectively.

(*e*) *Tulsi Supply.*—Tulsi water was purified at a cost of Rs. 29,235 by Liquid Chlorine, Ammonia Gas, Ammonium Sulphate and Alum out of which a sum of Rs. 19,490 was borne by Government and the balance is included in (*d*) above. The Chlorine dose varied from 2.00 to 2.27 part per million while ammonia gas varied from 0.20 to 0.52 part per million, and alum from 0.42 to 0.53 grains per gallon. The cost is shared between Government and the Municipality in proportion to the quantity of water consumed by each of these bodies.

(*f*) *Filtration.*—No part of the supply was filtered during the year. The work of reconditioning and overhauling of filters and other machinery at an estimated cost of Rs. 34,570 was continued during the year. But for want of Quartz sand the filters could not be put into operation. The expenditure incurred during the year was Rs. 2,052 which added to that of the last year comes to Rs. 7,872.

(*g*) *Field Laboratory.*—A small field laboratory has been set up at Powai and samples of water from lakes and mains were tested for ascertaining their various properties, *viz.*, solid contents, alkalinity, pH value, etc., thus providing valuable information about the quality of water supplied to the City. Residual chlorine tests were also taken daily at Sion, Thana Road Powai Ghatkopar and Bandra and the dose of chlorine adjusted accordingly.

(*h*) *Re-Chlorination.*—With a view to sterilize the water in the Reservoirs at Malbar Hill and Bhandarwada Hill to keep up the standard of Residual chlorine in the water mains inside the City an extra dose of chlorine was injected into the reservoirs. At the Malbar Hill Reservoir re-chlorination was done by the pressure injector type chlorinating plant installed by Messrs. Candy Filters (India), Ltd. in the year 1943-44. An order was placed with the same firm for a suitable chlorinating plant for the Bhandawada Hill Reservoir but the supply was not received upto the 2nd of the year. A transporatable chlorinating plant of 8 lbs. per hour capacity was supplied by Messrs. Candy Filters (India), Ltd. during the year and this plant was used for chlorinating the Bhandarwada Hill Reservoir upto June 1944. As the samples of water from the 24" Frere

Road main were found to be below the bacteriological standard, this main was continuously chlorinated by means of the transportable chlorinating plant, the minimum dose being 3.5 lbs./hour and the maximum dose 7 lbs./hour. About 27,000 lbs. of chlorine was consumed for rechlorinating inside City as against 7,500 lbs. of chlorine during the preceding year. This quantity has been included in the total amount of chlorine referred to in paragraph (*d*), bove. Besides certain water mains, water from which did not show good results on analysis, were re-chlorinated by means of the portable chloriating sets. In addition to the continuous chlorination of the 24" main in Frere Road about 96 Nos. of re-chlorinating jobs were carried out during the year.

Bacteriological and Chemical Analysis of water.

29. Fortnightly bacteriological and chemical tests of water after chlorination from trunk mains outside the City and occasional tests from trunk mains in the City were carried out throughout the year by the Municipal Analyst. In all 343 samples were taken from various points on the trunk mains within and outside the City. The results show that out of 343 samples 329 samples gave negative reaction of 'B-Coli' in 100, two samples positive reaction of 'B-Coli' in 10, and twelve samples in 5. It was noticed that the majority of the samples which showed bad results were from the "dead ends" of the mains. After these mains were flushed the water was found on re-analysis to be of the usual standard of purity. The expenditure under this item was met from the grant under Chlorination. It will be seen that the high standard of purity, as laid down by the Ministry of Health in England, continued to be maintained during the year.

Telephone System.

30. A private telephone system, 61 miles long with 25 stations outside the City, was maintained through the Indian Posts and Telegraphs Department, at a cost of Rs. 9,688. The system was not working efficiently and the Indian Posts and Telegraphs were requested from time to time to rectify the defects, but the whole system continued to work inefficiently. The question of maintaining a private telephone line departmentally is the only solution, but this has to be deferred for obvious reasons till after the war. Seven telephone exchanges were maintained by the Indian Post and Telegraph depatment at Ghatkopar, Powai, Bandra, Santacruz, Thana Road, Sion and Marol. The last exchange was maintained till the end of September 1944 at the cost of the Commander, Royal Engineers, Bombay, as this telephone was used in connection with the maintenance of the 8" Marol-Andheri-Madh-Marve Line laid for military purpose. The telephone exchange at Marol has now been taken over by the Municipality as the maintenance of the 8" military main has been taken over by the Military since 1-10-1944.

During the year the following additions were made in the system:—

(*i*) Extension to Mechanical Inspector (Outside City) quarters at Ghatkopar Yard.
(*ii*) New connection at Chlorination Plant at Ghatkopar cross connection.
(*iii*) Additional operator's circuit at Ghatkopar.

Building Repairs.

31. The repairs and painting to some of the Water Works Buildings as per list in Appendix 'F' to the extent of funds available were carried out departmentally. The following structures were repainted during the year:—

(*i*) Two bungalows at Tansa.
(*ii*) Two chawls at Tansa.
(*iii*) Office at Powai.
(*iv*) Two chlorination plants at Powai and Ghatkopar cross connection.
(*v*) Two venturi houses at Powai and Marol.
(*vi*) Four chawls (*a*) Ghatkopar Yard (10 units).
(*b*) Ghatkopar cross connection (7 uinits).
(*c*) Powai (2 units) and
(*d*) Marol (2 units).

The grant of Rs. 10,000 under "Repairs and Painting to Water Works Buildings and Bridges Outside Bombay was supplemented by Rs. 2,300. The total expenditure incurred was Rs. 11,711.

Venturi Meters.

32. Nine Venturi Meters for recording discharge of water through various Trunk Mains in the outside City Division were maintained as far as possible in working condition, except the Venturi Meters on the 32" and 24" Vehar mains which were under repairs. The cost of maintenance and repairs of these meters was met from "Meters" grant mentioned in paragraph 60. As some of these meters have been in service over 30 years it is proposed to replace these by new ones.

Hydraulic Fittings, Appartenances, etc.

33. 170 Hand operated penstock gates and sluice valves varying in sizes from 12" to 48", two hydraulically operated 36" sluice valves, 52 pressure gauges and recorders, 35 burst alarms and 121 air valves were oiled, greased, and maintained. The cost was met from the grant under "Materials for General Works and Repairs, Outside City' & that of Labour from 'Permanent Establishment grant.' (Refer paragraph 38 for Materials and 112 for Labour). During the year three hydraulically operated sluice valves of 48" size were converted into hand operated ones, at Tansa. The cost of Rs. 9,644 which was met from the special grant under 'Plant and Machinery', (*vide* paragraph 119).

Gardens.

34. The seven gardens outside the City *viz.*, at Tansa, Vehar, Tulsi, Powai, Vehar Bungalow, Ghatkopar cross connection and Ghatkopar Yard were maintained during the year, from the "Repairs to Embankments, etc., grant Outside City. (Cost included in paragraph 25).

Visitors at the lakes.

35. The number of visitors to the two lakes *viz.*, Tansa and Vehar was about 267 and 9,620 respectively the number of visitors has fallen considerably due to the rationing of petrol and transport difficulties.

Campaign against Trespass.

36. The campaign to prevent trespass in the catchment and the lake areas was continued during the year and 187 and 322 heads of cattle were impounded at Tansa and Vehar, respectively. As there is no suitable cattle pound near the Tansa Lake the proposal of providing one at a cost of Rs. 1,875 on the west of the Tansa duct line at mile 0 furlongs two has since been approved by the Corporation and the work has been entrusted to the District Local Board Thana, but the work is delayed due to the deforestation of the site selected being not yet carried out by the Collector of Thana. The cattle pound after construction will be handed over to the District Local Board, Thana, for maintenance and management. In addition to the above 342 heads of cattle along the trolley track were impounded.

Vaitarna Gaugings.

37. Details of gauging, etc., are given in Appendix 'G'. The cost of this work was met from special grant provided under B.—Repairs and Maintenance, II.—Extra-ordinary.

Cost of Repairs.

38. The total cost of materials for General Works and Repairs, Outside Bombay for items in paragraphs (15, 16 and 33) was Rs. 8,573. The original grant of Rs. 9,500 was supplemented by Rs. 5,000.

Lighting Sets.

39. The lighting set at Tansa was maintained in working condition throughout the year. The old lighting set at Powai could not be worked economically for want of storage batteries. The total cost of Rs. 624 for upkeep repairs and maintenance was met from the grant provided under "Maintenance of Lighting Sets at Tansa and Powai."

Extra ordinary repair works.

40. (a) *Algae Growth.*—Copper Sulphate was used for destroying algae in the Vehar Lake. The expenditure incurred during the year was Rs. 1,476. The expenditur includes the cost of Rs. 150 for the purchase of 200 Numbers of gourami fish.

(b) *Repairs to Embankment.*—93,000 Cubic feet of earth-filling and 51,200square feet of stone-pitching were done at a total cost of Rs. 23,490 at several places as per details given below. These works were necessary on account of the washing away of the embankment and settlement of trunk mains.

Place and Mileage.	Earth Works.	Stone Pitching.	Cost.
	Cubic feet.	Square feet.	Rs.
(1) 29/2 Kasheli Division	24,000	10,300	6,000
(2) 45/0 Vakola	8,000	5,000	1,300
(3) Between Kirol and Katchra Cabins	7,000	6,000	2,000
(4) Syphon No. 6 from Pogaon to Pokhran ...	16,000	6,800	4,000
(5) Between Kurla and Kachra Cabins ...	20,000	13,000	4,000
(6) Between Hall Bridge and Rasiwalla Bridge ...	23,000	10,000	6,190
		Total Rs.	23,490

(c) *Patch-plating the leaks on steel mains.*—About 140 square feet of 3/8" thick patch-plates were welded to the badly corroded portion of the 72" steel mains in Kasheli and Jamboli Division. About 120 R.ft. of welding was done. The expenditure incurred during the year was Rs. 1,008.

(d) *Strengthening the expansion joints on steel mains.*—Seven expansion joints on the 57" mains in Salsette Divison were strengthened by welding addtional 3" × ¼" flat to the vertical limb of the glandring and replacing the 7/8" diameter bolts by 1" diameter ones. The total expenditure incurred during the year was Rs. 4,499.

(e) *Strainers for Tulsi.*—Most of the materials for providing strainers for Tulsi were obtained and the work was partially completed. The expenditure incurred during the year was Rs. 1,809.

(f) *Re-painting the Old Bassein Creek Bridges Nos. 1, 2, and 3 in Kashli Division.*—Five spans of the Bridge No. 2 were painted with Base Coat of red lead paint (supplied by Messsrs. Flintrock & Co.) and the covering coat of Black Metallic Paint (supplied by Messrs. W. H. Deeth & Co.). The expediture incurred during the year was Rs. 947.

(g) *Repairs to Tansa Dam downstream side below the waste-weir.*—A length of about 800 R.ft. of the foundation of the dam below the waste-weir was strengthened by plump-concrete and materials were collected for further repairs to the dam at a cost of Rs. 4,000.

Casting.

41. Considerable difficulty was experienced in getting castings and several works involving the use of castings had to be done either towards the end of the year or left undone.

V.—DISTRIBUTION BRANCH.

Distribution

42. For the purpose of distribution of water, the City is divided into three main divisions (*i*) South and West (coloured blue and Khaki on plan in Appendix 'H'; (*ii*) East (coloured yellow) and (*iii*) North (coloured green and pink). The South and West of the Island were served by the Malabar Hill Reservoir which has a storage capacity of 30.5 million gallons, *i.e.*, an equivalent of about ten hours' supply, according to the present demand. The high level areas of Ridge Road, Carmichael Road and Altamond Road were sever d through the 60,000 gallons capacity elevated tank at Malabar Hill Reservoir to which water is pumped by four electrically driven pumps (two of 40 Horse Power each and two of 26 Horse Power each). The East of the Island was served by the Bhandarwada Hill Reservoir wh ch has a storage capacity of 20 million gallons, *i.e.*, an equivalent of about 10 hours' supply. For the high level localities of Dongri and Manvdi, the pressure was boosted up by two electrically driven pumps of 75 Horse Power each situated at the Bhandarwada Hill Reservoir. The North of the Island was served driectly from the trunk mains in the absence of Service Reservoirs. A scheme estimated to cost about Rs. 60 lakhs for providing balancing reservoirs on the Worli and Rowli Hills to serve the north of the Island was submitted to the Corporation in 1939. It is under the consideration of the Special Committee appointed for the purpose. At the end of the year the Committee again met and requested the Commissioner to submit detailed plans and estimates of the Scheme. To bring as much water as possible to the Malbar Hill Reservoir, the 72">57">36" east main was kept entirely isolated from Tansa to Malabar Hill Reservoir. It brought 26 to 31.9 million gallons per day according to the level of the lake. The 72">57" west main is drawn upon to the extent of about 18 million gallons per day during supply hours directly at various places in the City, particularly for the west portion of the north of the Island (coloured green on plan at Appendix 'H'). During non-supply hours about 3 to 4 million gallons per day (additional) were taken to the Malabar Hill Reservoir from this main.

The 48">36" New Tansa main supplied about 18 million gallons per day to the Bhandarwada Hill Reservoir and about three million gallons per day (additional) to Parel Village area directly through the 18" main in King Edward Road. The 48" old Tansa main along with 32" and 24" Vehar mains supplied about 16 million gallons per day of water directly to the East portion of the North of the City (coloured pink on the plan at Appendix 'H').

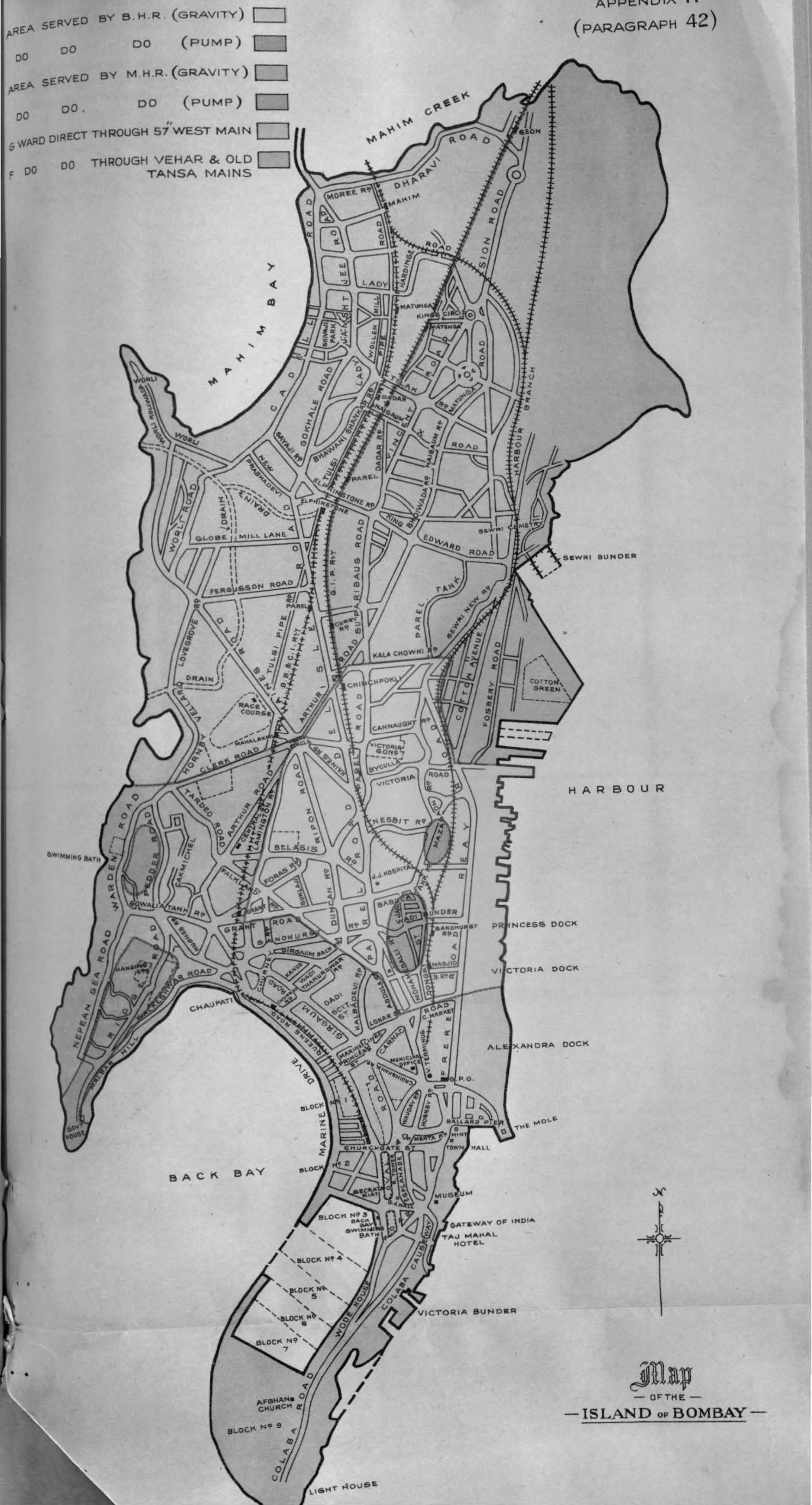
Hours of supply.

43. As the lakes stopped overflowing at the end of August 1944 and as it was not possible to bring to the City as much quantity of water as was brought during the previous year, the supply had to be restricted to about 106 million gallons per day from 7th November 1944. This necessitated curtailment of the hours of supply by half an hour in the morning and half an hour in the evening. Since 7-11-1944 the different localities were supplied water as shown in Appendix 'I'.

Fire Attendance.

44. The Assistant Engineer, in charge of Distribution together with the Assistant Engineer, Waste Prevention, and the other staff gave immediate attention to every fire throughout the year. The total number of fire calls received from the Fire Brigade Department and attended to was 796 (over 2 calls per day on an average) as against 651 during the previous year; 218 of these calls were false and the total quantity of water used on fire as well as on the way when the supply was

APPENDIX 'H'
(PARAGRAPH 42)



turned on was about 911 million gallons (1.15 million gallons per call). The water supply in each case was regulated according to the needs of the situation and sufficient supply was made available in every case.

Dock Explosions.

45. Meritorious and useful service was rendered by the department at the time of and after the Explosions of 14-4-1944. At the time of the first explosion, the Assistant Engineer, Distribution, Mr. K. B. Carnac, Inspctor Mr. N. R. Bulsara, Chaviwala Shivram Rawji and Sluiceman Tukaram Rawji, who were at the site very near the ship in the Docks were saved miraculously. The Hydraulic Engineer too, with the above staff, while attempting to render help in the affected area, was caught in the 2nd Explosion but was again miraculously saved.

The water supply for fire fighting purposes in the affected area was well maintained by diverting the 57" west main supply through the 32" Grant Road, 28" Ebrahim Rahimtoola Road and 12" Abdul Rehman Street mains, for which over 63 sluice valves had to be operated twice daily by the B, C, D, and E Ward staff for a period of over a month and a half.

The services rendered by the staff in the Explosion were appreciated by the Municipal Commissioner and the Assistant Engineer, Distribution and Assistant Engineer, Waste Prfevention, 2 Inspectors, 2 Sub-Overseers, 1 Telephone attendant were given rewards quivalent to 1/3 of their salaries and 6 chaviwallas, 8 sluicemen and 14 labourers were awarded Rs. 15 each.

Control System.

46. The distribution of water to all parts of the City for supply as wel l as for extinguishing fires is controlled by the Babulla Tank Control Station under the direct instructions of the Assistant Engineer, Distribution Branch. The Babulla Tank Control Station is manned continuously for 24 hours of the day and all variations in pressures, supply, and heights in reservoirs are recorded thereat every hour. The manipulation of different inlet and outlet sluices at the reservoirs as well as the various sluices in the different Wards for regulation of supply from the trunk and distributory mains is carried out by the staff stationed at the reservoirs and at the different Wards as per instructions issued to them by the Babulla Tank Control Station. All complaints, etc., given on Telephone by the General Public in connection with water supply and for wastage of water are received and transmitted to the different wards for action by the Babulla Tank Control Station. One Sub-Control Station is maintained at Futka Tank, Matunga for regulating water supply from the trunk mains in case of fire and other emergencies particularly in the North of the Island. During the year two additional Sub-Control Stations have been estblished, one at Lady Hardinge Road and the other at Gokhale Road South in G Ward for regulating the supply to the G Ward area (coloured g een) in case of emergency and for daily supply. This year on account of the curtailment of the City supply by about ten million gallons per day and disbandment of the A.R.P. staff it was found difficult to carry on the work of operating the various sluice valves at the reservoirs and in the various supply districts and hence an additional staff of seven Chaviwallas and fourteen sluicemen was appointed during the year. All the Ward Offices, Sub-Control Stations and reservoirs are connected by telephone (direct lines) with the Babulla Tank Control Station and are manned continuously day and night. In view of the importance of the Control Station and the inrease in work, two additional Sub-Overseers have been sanctioned and appointed from 1-3-1945 so that each can work in a shift of eight hours. A tabulated statement of staff stationed at different places for the control and regulation of supply is given in Appendix 'J'. The cost of the staff was met from the grant under A.—Establishment and Labour, II.—Establishment.

Telephone System.

47. Four direct exchange lines were maintained for the Distribution Branch, two at the Babulla Tank Control Station, one at Bhandarwada Hill Reservoir and one at Futka Tank Emergency Station. Eleven extensions from the Babulla Tank Exchange were maintained for the Malabar Hill and Bhandarwada Reservoirs and the wards in the City. Besides, six Exchange Lines for residences and four for offices were maintained. Two additional direct Exchange Lines were installed during the year for the two new Control Sub-Stations at Lady Hardinge Road and Gokhale Road South. The total cost during the year for these lines along with the cost of 7 telephone exchange lines mentioned in paragraph 30 was about Rs. 19,175 which was met out of the grant under D.—Miscellaneous, I.—Rent, (a) Telephone Connections.

Fountains and Cattle Troughs.

48. There are 78 drinking fountains, 17 cattle-troughs 37 drinking fountains and cattle-troughs (combined), 61 stand pipes and 2 dipping wells as per details given in Appendix 'K' in the City which were open to the general public throughout the year and were maintained in a clean condition. Repairs to the fountains, cattle troughs and stand pipes were carried out departmentally at a total cost of Rs. 1,957 which was met out of the grant for Repairs to Fountains and Cattle Troughs in various parts of the City.

Wells.

49. There are 18 Municipal wells as per details shown in the Appendix 'L' out of which water was used from three wells by the public, *viz.*, (1) Junction of Mayo Road and Church Gate Street; (2) Mayo Road in the High Court Compound; (3) Worli Koliwada.

Out of the 18 Municipal wells 15 are kept hermetically sealed. The remaining three are open for public use. The cost of materials and labour is met from the grant under B.—Repairs and Maintenance I.—Ordinary Materials for general works and repairs in Bombay and III.—Labour, (*a*) Permanent.

Gardens.

50. The garden along the slopes of Gibbs and Ridge Road (known as Hanging Gardens). Sir Pherozeshah Mehta Gardens on the top of the Malabar Hill Reservoir and Joseph Baptista Gardens on the top of the Bhandarwada Hill Reservoir were maintained during the year at a cost of Rs. 9,614 (mostly materials only), which was met out of the grant under XI.—Maintenance of Reservoirs, Hanging, Hughes Road and Chowpatty Gardens. The cost of labour which comprises 5 Park-keepers, 2 Watchmen, 2 Head malies, 2 Mucadams, 31 Malis, 65 Labourers, and 8 Women was met from the grant under A.—Establishment and Labour, III.—Labour, (*a*) Permanent. The Hanging Gardens, Sir Pherozeshah Mehta and Joseph Baptista Gardens cover an area of 59,600, 2,89,000 and 3,37,500 square feet with 6,500, 5,400 and 9,500 Running Feet of pathways varying from 6 to 16 feet in width respectively. The Hanging Gardens were kept open to the public throughout the year, day and night, the Sir Phesrojshah Mehta Gardens from 4-30 A. M. (Bombay Time) to half an hour after sunset, and the Joseph Baptista Gardens were kept closed under the Defence of India Rules.

Ladies' and Children Garden, Ridge Road.

51. During the year a new garden was laid out at the site of the Ladies' Gymkhana, Ridge Road, at a cost of about Rs. 20,000. After considerable correspondance and negotiations which lasted over seven years, the site was taken over by the Municipality on lease from Government on the following conditions:—

(1) The Municipality shall pay to Government Ground Rent of Rs. 2,500 a year.

(2) The Municipality shall lay out a public garden on the plot, and maintain it as such, until such time as the work of extending the Malabar Hill Reservoir is taken in hand.

(3) On the expiry of 30 years from the date of taking over or as soon as the work of extending the reservoir is taken in hand, whichever is earlier, the Municipality shall pay to Government the full price of the lan d according to the Market value then prevailing or an annual ground rent calculated at 4 per cent. of such price.

(4) In the event of a dispute arising with regard to the valuation it would be settled by Arbitration.

(5) If, at any future date, Government decided to dispose of the Bishop's Lodge and its compound adjoining this garden, the Municipality would be given the first option to purchase the land.

The garden covers an area of 80.970 square feet with 2,350 running feet of pathways varying in width from 4′ to 17′. Considerable quantity of hard rock had to be removed and the ground levelled up before the garden could be laid out. It affords a very picturesque view of the Back Bay and a large portion of the City. The garden was designed by and the lay out and construction work was carried out under the direct supervision and guidance of Mrs. Amy E. Nadirshah, who takes considerable interest in this garden as in two others in charge of this Department, *viz.*, Sir Pherozeshah Mehta Gardens and Joseph Baptista Gardens. The design offers a very nice combination of terraces, flower-beds, lawns, galleries, Rockeries, and Walks. The garden was opened to the public (Ladies and Children only), on 21-3-1945 by His Worship the Mayor, Mr. Nagindas T. Master, B.A., M.L.A., in the presence of a distinguished gathering. The cost of labour for maintaining the Garden which comprises of one Park-keeper, one Mukadam, one Head mali and ten malis was met from the grant under A.—Establishment, and Labour, III.—Labour, (*a*) Permanent.

Vegetable, Fruit and Flower Show.

52. At the Vegetable, Fruit and Flower Show held at Victoria Gardens, Byculla on the 17th and 18th February 1945, Sir Pherozeshah Mehta Gardens, Joseph Baptista Gardens, and the Ridge Road Garden for Ladies and Children competed under different classes. Sir Pherozeshah Mehta Gardens won the following prizes:—

(1) Municipal Commissioner's Cup for Public Gardens.

(2) Committee's Cups for best exhibits in Specimens of Foliage Plants and Orchids.

(3) Six first prizes for Chembeli, Champa, Phlox. Drummondii, Coleuses, collection of 75 or more ferns and Orchids (foreign); 8 second prizes for Antirrhinums, Petunias, Roses, Salvia Splendens (Red), Tuberose, Carnations, Palms, and collection of 3 foreign or imported orchids; and 6third prizes for Antirrhinums, Larkspurs, Pinks, Salvia (Blue), Sweer Peas, and Collection of Flowering Annuals.

The Joseph Baptista Gardens won 4 first prizes for Pinks, (2 kinds), Crotens, Pams, 3 second prizes for Antirrhinums, Salvia Blue and Sweet Peas, and 2 third prizes for Petunias, and Phlox Drummondii. The Ridge Road Garden for Ladies and Children which was hardly a few days old on the date of Exhibition also won a second prize for Chambeli. Two malis also won second prizes for basket of cut flowers. A sepcial prize (From Mrs. Nadirshah) in cash was awarded for the best maintained plot at Sir Pherozeshah Mehta Gardens. The total amount collected in cash prizes was Rs. 253 including Rs. 44 for Malis, and cups worth Rs. 162.

Short Supply complaints.

53. On account of increase in population and demand for water for industries and War purposes and reduction in the quantity of water supplied during the year due to failure the monsoon in its latter part, there was considerable shortage of water and with the resul that short supply complaints increased. This entailed very heavy work on the distribution staff. The number of short supply complaints received and attended during year was 3,270. With a view to meet the situation as far as possible considerable regulation of supply had to be done by operating various sluice valves in the City and at the service reservoirs. The number of short supply complaints received and attended to month by month for last 12 years is given in Appendix 'M'.

Orders for Disconnection of water supply.

54. The number of cases reported to the Standing Committee for severing water connections for non-payment of taxes was 99 as against 165 in the previous year. Dis-connection orders were however, issued in 87 cases, in 60 cases out of which the orders were not enforced owing to the requirements having been complied with. In 27 cases, supply was closed and subsequently restored on complainace with the requirements.

Prosecutions.

55. 618 prosecutions were launched before the Honorary Presidency Magistrates for the infringement of the provisions of the Municipal Act and for violation of Bye-laws relating to Water Works during the year under report. The number of convictions was 307 and the amount of fines recovered was Rs. 6,558-8-0, which works out to Rs. 21 per conviction.

VI.—WASTE PREVENTION BRANCH.

Testing of mains by Deacon Meter and sounding.

56. The total length of water mains upto 9″ in size tested for leakage by Deacon Meters was about 253 miles as against about 369 miles during the previous year. The total length of mains above 9″ in size tested by soundings was about 119 miles during the preceeding year. One gang of the Waste Prevention Branch was utilized for assisting the staff of the Distribution Branch for opening and closing of sluices in D Ward. The total cost of testing mains and investigating leaks (materials only) was Rs. 2,000 during the year which was met out of the grant under D.—Miscellaneous, III.—Testing Mains and Investigating Leaks. With a view to check wastage and in order to gauge the waste that occurs during the high pressure hours early morning house-to-house inspection was started twice a week as an experimental measure with the limited staff at disposal. The results so far obtained have been very encouraging and have contributed to make the public more watchful of wastage and take immediate steps. From January 1945 to March 1945, 474 notices were served for stopping wastage; but it is encouraging to note that the notices were promptly attended to and Court action had to be taken only in 44 cases. Proposals are before the Municipal Commissioner to appoint special staff for house to house inspection.

Defects in water mains and notices issued.

57. 15,198 defects in the Distribution System were detected and repaired, of which 6,401 were underground and 8,797 aboveground. Particulars of defects detected and remedied, the number of diagrams taken and wastage checked during the year is given in Appendix 'N'. The number of Defect Notices issued to owners of private premises for defects in water fittings was 5,935.

VII.—METER BRANCH.

Staff and Revenue.

58. The total revenue derived from water supplied by meter measurement was Rs. 69,61,900 during the year, which shows a net increase of Rs. 10,78,003 over the previous year. This was partly due to more rigid inspection of meters and partly due to more demand of water for industries and war purposes. The increase in revenue in the former case on account of new meters

fixed on various trade connections which were formerly unmetered during the year and on account of meters exchanged for periodical tests amounted to Rs. 59,920. The cost of meter staff during the year amounted to Rs. 23,104 and is included under Establishment (Paragraph 112).

Meters.

59. Meters of sizes varying from ½" to 8" were maintained from the grant under Meters during the year at a total cost of Rs. 38,109 which includes the cost of maintaining venturi meters. 884 meters were exchanged and 822 meters were repaired during the year. 82 meters were fixed on new connections and 87 meters were removed from the existing connections as the properties fed from these were charged on valuation basis. Due to the difficulty of getting new meters as well as spare parts for repairs, small trade concerns had to remain un-metered, as preference had to be given to those concerns where the use of the meters could result in a larger revenue to the Municipality. However, efforts are being made to see that as many as possible of these small concerns get a metered supply. For the same reason 46 connections were charged on their discharging capacity and 2 on an agreed pro-rata basis.

VIII.—MAINTENANCE BRANCH.

Repairs and Upkeep of Plant, Machinery, Instrument, Equipment, etc.

60. Various Plants and Machinery, Equipment, Instruments, etc., as per details given in Appendices 'O' and 'P' in the Inside City Division were maintained to the extent of funds available, in the Workshop attached to the Maintenance Yard at DeLisle Road, which comprises of different shops, such as, Meter Shop, Testing Shop, Machine Shop, Painter Shop, Carpenter Shop, Smith Shop, Motor Vehicles servicing and Repair Shop, etc. In all about 1,700 repair works were executed during the year in these shops and about 1,224 welding and cutting jobs were carried out with the sight-feed oxy-acetylene plant. The cost of material was met from the grant for Materials for General Works and Repairs in Bombay (*vide* paragraph 74), and that of labour from the Establishment Grant (paragraph 112).

Maintenance of Pumping Engines and Plant at the Reservoir Control Rooms.

61. The following pumping sets were maintained at Malabar Hill and Bhandarwada Hill Reservoir during the year at a total cost of Rs. 25,103, which was met from the grant under D.—Miscellaneous, IV.—Maintenance of Pumping Engine and Plant.

No. of Units.	Output B.H.P.	Location.	REMARKS.
2 Units.	40 each.	Malabar Hill Reservoir Control Room ...	For elevated tank at Malabar Hill Reservoir.
2 Units	26 each.	Do. do. do. ...	Do. do. do.
2 Units.	7.5 each.	Sir Pherozeshah Mehta Garden ...	Fountain arrangement.
1 Unit.	1	Malabar Hill Reservoir, near Malis' Quarters	For pumping the effluent from Malabar Hill Reservoir.
2 Units.	75 each	Bhanadarwada Hill Reservoir Control Room	For elevated locality of Dongri and Mandvi.
1 Unit.	7.5	Bhandarwada Hill Reservoir near Air Compressor Station.—	For Joseph Baptista Garden.

The additional 40 B.H.P. electrically driven pumping set ordered out last year for the elevated tank at Malabar Hill Reservoir, was put into commission in the beginning of the year. One 26 B.H.P. electric motor of the pumping unit No. 4 was also replaced during the year. An order was placed during the year for replacing the whole of pumping unit No. 1 as it was found to have served its useful life. The pumping set was received at the end of the year and the erection work was in progress. The cost of the above works was met from the grant under Plant and Machinery from Special Funds *vide* paragaraph 119.

Maintenance of water mains and number of bursts.

62. 378.38 miles of water mains as per details given below were maintained during the year.

Size.	Length. in miles.	Remarks.
57"	11.5	Steel mains
48"	13.75	Cast Iron mains.
36"	4.12	Do.
32"	12.37	Do.
30"	4.37	Do.
28"	0.50	Do.
27"	7.50	Do.
26"	0.75	Do.
24"	24.65	Do.
22"	1.75	Do.
21"	0.75	Do.
20"	0.50	Do.
19"	0.12	Do.
18"	7.29	Do.
17"	0.25	Do.
16"	1.37	Do.
15"	4.55	Do.
14"	2.503	Do.
13"	0.75	Do.
12"	22.55	Do.
11"	0.25	Do.
10"	1.62	Do.
9"	38.66	Do.
8"	4.25	Do.
7"	5.31	Do.
6"	111.19	Do.
5"	44.89	Do.
4"	29.44	Do.
3"	20.88	Cast Iron mains including hydrant mains.

There were seventeen bursts on various mains as per details given in Appendix 'Q', which were repaired promptly. In addition to this, 18,585 works pertaining to repairs to communication pipes, fire hydrants, road surface boxes, cleaning of chokes in service pipes, etc., were carried out. The cost of materials was met from the grart for Materials for General Works and Repairs in Bombay and is included ur der pagraph 74, and that of labour from the Establishment Grant (paragraph 112).

Number of water connections.

63. The total number of water connections to different premises in the City was 51,752, *i.e.*, a net increase of 353 over the last year's number. The number of new water connections given by the Maintenance Branch during the year was 407 against 211 during the preceding year. 54 connections were dis-connected on account of the demolition of old buildings and for various other reasons. The cost of materials for 65 connections out of, 407 new connections made was met by the Municipality and debited to the grant under Materials for General Works and Repairs in Bombay and is included under paragraph 74 and that of the labour to the Establishment grant *vide* paragraph The cost of road repairs for these connections was met from the grant under 'Repairs to Roads over Trenches' and is included urder paragraph 66. 342 works of giving connections, etc., to private parties were carried out at their cost amounting to about Rs. 28,453.

Repairs to Buildings.

64. The details of the 36 buildings (Inside the City) in charge of the Water Works Department are given in Appendix 'R'. Out of these, 20 buildings as per details given in the Appendix 'S' were repaired at a total cost of Rs. 11,625 from the grant under B.—Repairs and Painting to Water Works Buildings inside Bombay.

Trenches.

65. 6,928 trenches, each varying in length from 5′ to 100′ were excavated for trial pits and for general repairs and maintenance works all over the City. All the trenches were restored through the City Engineer's Department at a cost of Rs. 52,400, which was met from the grant under repairs to Roads over trenches opened by the Water Works Department.

Transport.

66. Five motor lorries as per details given in Appendix 'T' and 23 hand-trucks were maintained during the year for transport of materials, etc., at a cost of about Rs. 9,859, which was met from the grant under Cartage and Transport of materials. The total mileage covered by the Motor Lorries during the year was 33,898 miles, the cost per mile was 4.65 Annas. 12 Rubber tyres and 12 tubes were purchased during the year after obtaining the necessary permit from the Area Rationing Authority. All the motor vehicles belonging to the Water Works Department and used for official duties were granted Essentiality permit E(*a*) under Section 7 of the Motor Vehicles Spare Parts Control Order (1943). Two Motor vehicles (not included in Appendix 'T') used for driving booster pumps were purchased from Officer Commanding, Fire Services and were being converted into Motor lorries. Cost for the same was met from "Purchase of Plant and Machinery from Surplus Cash Balance" *vide* paragraph 119.

Testing of Water Fittings.

67. The testing of galvanised iron pipes (″½ to 4″), cast iron pipes (3″ to 48″), galvanized iron fittnigs, such as couplings, bends, tees, elbows, etc., brass and gunmetal fittings, such as ferrule-stop and bib-taps, waste-not taps, ball taps, pillar taps, globe taps, sluice valves (3″ to 30″), underground and stand-post hydrants, cast iron and porcelain water-closet cisterns with their fittings, canvas hose pipes etc., was carried out during the year at the Water Works Workshop, Chinchpokli. The total number of such pipes and fittings tested as per details given in Appendix 'U' was 37,312 (17,402 from private parties and 19,910 pertaining to Municipal works), which included 1,705 second-hand galvanized iron and Cast Iron pipes and fittings, which were allowed as a special case due to difficulty of obtaining new materials. The revenue derived from the testing of pipes, fittings, etc., sent by private parties amounted to Rs. 1,727.

Repairs and Testing of Meters.

68. During the year about 2,108 municipal meters of different sizes were tested. In addition to this 197 meters were submitted by private parties for test of which 149 were passed and sealed and the remaining were rejected. The revenue derived from testing of water meters submitted by private parties amounted to Rs. 1,211.

During the year about 3,820 meters were repaired as per details given below:—

Nature of repairs.	No.
(1) Replacement or removal of worn out or damaged parts and overhauling of meters in the Yard.	783
(2) Cleaning of dials	1,688
(3) Renewal of dial glass...	53
(4) Cleaning of meter strainers	730
(5) Repairs to leaks	228
(6) Repairs to meter chambers	292
(7) Renewal of locks	46

Chokes in communication Pipes.

69. Special staff consisting of one Sub-Overseer two Plumbers and six labourers sanctioned by the Corporation was continued during the year on the temporary establishment for cleaning communication pipes between the municipal mains and the stop taps in F and G Wards. About 2,048 connections were cleaned at a cost of Rs. 2,528. The cost of staff and labour was met from Establishment grant (Paragraph 112). The cost of material was met from the grant under Materials for General Works and Repairs in Bombay. (Paragraph 74).

Cleansing of Consumers pipes and Fittings in Dadar Matunga Estates.

70. As there were many complaints being received due to chokes in consumer's pipes and fittings in the Dadar-Matunga Area which is supplied water from the Vehar Lake, the Corporation sanctioned funds for the work of cleaning consumer's pipes and fittings beyond the stop tap in this area. The work which was started in the year 1943-44 was continued during the year and 1,601 connections aggregating to 4,89,857 running feet of consumer's pipes of different sizes were cleaned at a cost of Rs. 10,035, which was met from the provision made in the Budget under II.—Water Works, B.—Repairs and Maintenance, II.—Extra-ordinary Repairs.

Cleansing of Meter Strainers.

71. The special staff comprising of one sub-overseer, one Mistry two Plumbers and six labourers appointed in 1943-44 was continued during the year on temporary establishment for periodical cleaning of meter strainers. Accordingly 1,910 meter strainers were cleaned. It was found that in about 55 per cent. of the cases, there was increase in revenue on account of the periodical cleaning of meter strainers and besides the number of complaints on account of chokes in meters was considerably reduced. The expenditure incurred on the staff during the year was Rs. 7,153 which was met from grant under Establishment (paragraph 112). The cost of material was met from the grant under Materials for General Works and Repairs in Bombay (paragraph 74).

72. 7 major works as per Appendix 'V' were carried out during the year, the cost being met from the grants mentioned against each item.

Major Works.

73. The total cost of materials under the head 'Materials for General Works and Repairs in Bombay for works included in paragraphs 61, 63, 64, 70, 72, 73 (Item I). amounted to abou' Rs. 52,500.

Cost of Mainteance Works.

74. Due to the explosions that occurred in Bombay Docks on 14th April 1944 a large number of water mains, service pipes, hudrants and the other fittings in the affected area were damaged. A large piece of metal, weighing several hundred tons, possibly a part of the ship, was found to be lying on the 24" main in Frere Road. The work of removing the debris was carried out by the Department with the help of the Military authorities and after the debris was cleared, the work of repairing the damaged main was taken in hand. The details of the repair works carried out and the costs thereof are given in the Appendix 'W'. Some of the works of repairing the hydrants could not be completed by the end of the year for want of the materials. The entire cost of repairs is borne by Government.

Bombay Docks Explosions.

IX.—CONSTRUCTION BRANCH.

(Loan and other Works).

75. From Loan Funds 204 R.ft. of 36" 178 R.ft. of 24", 120 R.ft. of 18", 3405 R.ft. of 12", 5,733 R.ft. of 9", 84 R.ft. of 7", 13.115 R.ft. of 6", 3,133 R.ft. of 5", 343 R.ft. of 4" and 1,898 R.ft. of 3" water mains were laid. 137 hydrants were installed and 310 house connections were transferred to the new mains as per details given in Appendix 'X". The total expenditure during the year amounted to Rs. 6,41,738. Four works were carried out on behalf of Naval Authorities, other Municipal departments, etc., at their cost as per details given in Appendix "X" (cost paragraph 123(c)).

Laying New Mains and Other Works.

76. Six New Works as per details in Appendix "Y" were carried out from New Works Grant at a total cost of Rs. 6,299. The reasons for not carrying out and completing some of the works are given in the Remarks column.

New Works.

77. Four Extra-Ordinary works as per Appendix "Z" were carried out during the year, the cost being met from the grant mentioned against each item.

Major Works.

X—SURVEY AND DESIGN BRANCH.

78. Several Schemes for the improvement of water supply in general and for affected localities in particular were designed during the year. 130 estimates for provision and enlargemnt of watermains and other works amounting to over Rs. 48.91 lakhs were prepared during the year, out of which plans and estimtates amounting to about Rs. 12.5 lakhs was sanctioned by the Corporation. The number of tracings and blue prints prepared during the year was 105 and 500, respectively.

Preparation of Plans and Estimates.

79. Statements and reports for (1) Lake levels, (2) Storage of water in lakes, (3) Discharge through trunk mains, (4) Rainfall in different districts, (5) Leaks in the Tansa Dam, (6) Bacteriological and chemical analysis of water, (7) Temperature of water, (8) Short supply complaints, (9) Chlorine and ammonia dosages, (10) Exhaust water from Hydrostats, (11) Pressure charts, (12) Venturi meter discharges, (13) Lake, Outlet well and Reservoirs level charts and (14) Vaitarna River gauging were maintained during the year under report and the statements for Nos. (1), (2), (3), and (4) were submitted to the Corporation every month and during the monsoon every week.

Records.

80. 693 cases of extra charges for water used for the purposes of construction were framed as against 663 in the preceding year, resulting in a total revenue of about Rs. 57,572 against Rs. 1,57,468 in the preceding year.

Extra Charges for water used for building purposes.

81. With a view to bringing the records of water mains and fittings up-to-date, the Standing Committee sanctioned a special staff for carrying out the Survey of water mains. The work was taken in hand in April, 1940 and was completed by the end of September, 1944. In all about 570 miles of water mains of different sizes were surveyed and marked on the sheets with all the fittings appurtenant thereto.

Survey of water mains.

82. With a view to prevent trespass and nuisance by the public, the G. I. P. Railway inadvertantly constructed a tiebar fencing and the compound wall enclosing the Municipal land through which 48" Babulla Tank Out let from the Bhandarwada Hill Reservoir passes. The land being incharge of the Water Works Department, the fencing and the compound wall were taken over from the Railway Authorities on payment of Rs. 1,027 which was met from the grant under II.—Water Works, Extra-Ordinary, B.—Repairs and Maintenace.

Tie bar fencing near Hancock Bridge, Wadi Bunder.

83. Seven Theodolities, nineteen Levels, four Optical squares,two Prismatic compasses, two Planimeters, ten Staves, etc., were maintained during the year at a toal cost of Rs. 233.

Repairs to Survey Instruments.

XI.—WORKS OF INTEREST.

84. The work of guniting the upstream side of the Tansa Dam and the top of the waste weir with 2" thick reinforced gunite for which there is a contract with Messrs. John Fleming & Co. was started in the month of March last year and was continued till the end of June during the year of report. A total of about 37,000 square feet of guniting was done before the beginning of monsoon. The total amount of work done since the beginning is 2,48,500 sq. ft. The work could not be started earlier during the year for want of cement and transport facilities on account of war conditions.

Repairs to the Tansa Dam.

As regards the trolley track at the toe of the Tansa Dam the work of the foundation and part of superstructure of the bridge No. 6 was carried out to the extent of the funds available. A revised estimate for this trolley track work has been submitted to the Corporation and the work will be resumed when additional funds are available.

Another contract was made with Messrs. Allied Construction Co. for laying a 3" thick plain cement concrete slab on the 12' wide top of the entire length of the damexcept the waste weir portion, but the work was not started during the year.

Since the commencement of the work the following progress has been made :—

Trolley Track	...	...	7,200 R.ft.
Earth Work	...	...	5,54,000 Cubic ft.

5 Bridges. The total length of 465 ft. (40 spans).

The expenditure during the year was Rs. 67546 and the total expenditure incurred so far was Rs.2,47,214

Pitometer Gaugings.

85. The special temporary staff comprising 3 Sub-Overseers and 3 Peons was continued during the year. In all 95 gaugings were taken on various trunk and distributary mains.

Cleaning of Vehar Lake

86. Further work of cleaning the approaches to the pump house was carried out by providing concrete and rubble masonry walls at the channel constructed during the year. Expenditure booked during the year was about Rs. 2,146.

Gourami Fish in the Tulsi Lake.

87. The fish originally introduced at Tulsi Lake appeared to thrive and therefore 200 numbers of these fish have been introduced in the Vehar Lake. The cost being met as stated in paragraph 40.

R.C.C. elevated tank constructed at Bhandar wada Hill.

88. As the contractors did not take any action for several months for rectifying the defects pointed out in paragraph 81 of last year's report, they were called upon by the Municipal Commissioner to submit definite proposals in detail what exactly they proposed to do for rectifying the defects.

The proposals submitted by the firm were not upto the Municipal requirements and the firm was therefore required to modify the design accordingly. The firm replied that the proposal to strengthen the structure should be according to their own design and if work was to be carried out according to municipal design, they would not be responsible for the same. Ultimately, it was decided to consult Mr. E. P. Nicolaides. of Messrs. J. C. Gammon, Ltd., who was requested to give his opinion with regard to the design submitted by the contractors and the proposal made by the Municipality. Mr. Nicolaides after going through the design reported that the contractor's proposal for rectifying the defects fell considerably short of the actual requirements. On the other hand the Hydraulic Engineer's proposal, though it was an improvement on the contractor's design and suggestions, was somewhat deficient with regard to provision of additional steel. The recommendations made by Mr. Nicolaides were communicated to the contrctors and they were asked to carry out the work. The expenditure booked during the year was Rs. 882 and the total expenditure booked so far was Rs. 1,30,788.

Encasing the 57" main in Sleater road.

89. The work under this year's contract was started by the end of September 1944, and about 530 R.ft. of Steel mains were treated with reinforced gunite during the year under review. The total expenditure booked was Rs. 11,033. The total running feet of steel mains encased from the commencement of the work is 322 R.ft. (2 pipes) and the total cost incurred upto 31-3-1945 was Rs. 85,653.

Acquisition of Khardi village.

90. No progress was made during the year regarding the acquisition of the site of Khardi Village which falls within the catchment area of the Tansa Lake, mainly due to the difficulty of securing adequate water supply to the new site.

Repairs to the 57" steel mains in Bandra Creek.

91. All the materials except the steel tapers required for the main sluice valves and cross connections to be provided at Lady Jamshedji Road before the actual raising work of the 57" mains in Bandra Creek have been collected. The expenditure booked on material received during the year was Rs. 24,530 (including labour).

Providing Screens to the Inlet Bay of Vehar and the Outlet well at Tansa.

92. The work of providing Screens at Vehar was completed last year. The work of providing screen at Tansa had to be postponed on account of possible disruption in the distribution of water supply to the City particularly as more water was required for industrial and Military purposes, and the work would have necessitated curtailment of supply to a certain extent.

Repairs to the damaged spans of the Kasheli Bridge.

93. The works of renewal of worn out and corroded bracings, providing 24" cross connection between the 72" east and west and 48" old and 50" New Tansa mains on the downstream side of Kapurbaodi Anchor Block and of fixing wooden planks on the 200'—0" span were completed during the year. The expenditure booked during the year was Rs. 12,433 and the total expenditure incurred on this work upto 31-3-1945 was Rs. 2,57,067.

Concrete Blocks Under Steel Mains.

94. The work of providing concrete blocks under the entire length of steel mains outside the City at a total estimate of Rs. 12,74,800 was sanctioned under Corporation Resolution No. 369 dated the 5th August 1943. A further amount of Rs. 50,000 was sanctioned for this work. Out of this amount 107 blocks were constructed as under :—

(*a*) 41 Nos. under 57" Tansa mains in mile 46/47 near Nawapada Crossing at Bandra in Salsette Division.

(*b*) 38 Nos. under 72" Tansa mains at mile 29 and 31/32 in Kasheli Division.

(*c*) 28 at mile 7/4 in Jamboli Division.

The expenditure booked during the year was about Rs. 49,610. The cost per block including pitching grouting the joints, drainage arrangment etc., worked out to about Rs. 470. So far, since 1942-43,210 blocks covering a mileage of 0.84 has been provided at a total cost of Rs. 78,340.

Swing Bridge in Kurla Creek.

95. The steel work of the old Swing Bridge was cut by oxy-acetylene set, dismantled and removed The old piers were raised to obtain sufficient head way under the bridge as per agreement with the Government in level with the extended portions which were carried out during last year. The trolley track has now been laid in its permanent position betweenthe two Tansa mains..Reinforced cement concrete saddles were provided on all the piers for supporting both the Tansa Mains. A total pipe length of 520 R.ft. comprising of 276 R.ft. of 48" C.I. pipes, 112 R.ft of 50" steel lock bars and 132 R.ft. of 32" C.I. pipes was collected on site. The expenditure booked during the year was Rs. 19,157 and the total expenditure incurred on this work upto 31-3-1945 was Rs. 37,999.

Augmentation of City's Water Supply.

96. The proposals recommending the utilization of the tail water of the Bhivpuri Power Station of the Tata Hydro-Electric Agencies by laying a 60" or 72 steel main and providig a balancing reservoir as suggested by the Committee of Experts were considered by the Works Committee and the Corporation. Administrative approval was accorded there to by C. R. No. 347 of 24-7-44 request ng the Municipal Commissioners' to conduct negotiation with the Tata Hydro Electric Agencies, Ltd., and Go ernment for agreement to obtain 100 million gallons per day at 425 M.S.L. and to carry out a detailed survey with plans nd estimates. At the end of the year negotiations with them regarding the terms and the conditions for the basis of an agreement were in progress. The expenditure during the year was Rs. 5,257.

8" main for Malad and Madh.

97. The 8" diameter Hume Steel Pipe line laid along the Andheri Kurla Roaad ($1\frac{1}{2}$ miles B.B. & C. I. Railway limits between Andheri and Malad ($4\frac{1}{2}$ miles), Mald-Marve Road (4 me and Marve-Madh road (5 miles), at the request and cost of the Government of India Defence Department to supply water to the Military Camps at Madh was maintaied till 30-9-1944 at a cost of Rs. 16,116 (paragraph 123(c)). A special staff conisting of one Inspector, three fitters and three labourers, was provided for the purpose. From 1-10-1944 the staff was disbanded as the Military Authorities took over the maintenance with them.

Tulsi Pipe Bridge Across Bandra Creek

98. The alternative proposal of constructing a 188'—0" single span bridge over the existing abutments at an estimated cost of Rs. 65,141 has since been approved by the Corporation under their Resolution No. 460 dated the 7th September 1944 and the work was entrusted to Messrs. Gerlick & Co. However it could not be started on account of non-availability of required steel.

Examining the sub merged parts of Kasheli Bridge.

99. The work of examination of the submerged portions of the Kasheli Bridges, which was entrusted to the Diving Engineer to the Bombay Port Trust and was started last year was completed during the year under report. The expenditure booked during the year was Rs. 9,619. The necessary estimate and drawings are being prepared for strengthening the piers as recommended by the Diving Engineer.

Extending the exist ing Anchor Blocks and providing Additional ones in the Outside City Division.

100. The works of extension of Anchor Blocks at Powai and Bhandup and encasing in concrete both the cross connections at both these places were carried out during the year at a cost of Rs. 6,242.

Providing orifices on bib taps on ground and first floors in Tardeo Area.

101. Experiments were carried out at Water Works Maintenance Office at DeLisle Road with bib taps fitted with orifices of various sizes and at various available pressures ranging from 25 to 5 lbs. per square inch, with a view to find out whether it would be possible to effect any improvement in the water supply to a premises if the ground and first floor taps are fitted with orifices. From these experiments, it was observed that in case of bib taps the pressure near the tap fell to zero as soon as the tap was fully opened. When the same tap was fitted with an orifice of about 1/8" diameter, the quantity of water discharged from the tap was reduced by one-third and the drop in pressure was only 1 to 2 lbs. per square inch, depending upon the quantity of water flowing from the tap. Further in case of an ordinary bib tap when the ground floor tap was opened, no water reached the tap fixed on the same connection on the 1st floor even when the pressure near the ground floor tap was 25 lbs. per square inch to start with. However, when the ground floor tap was fitted with an orifice, the supply on the ground floor was restricted, with the result that the first floor tap gave nearly the same quantity of water as the ground floor tap.

In view of the success of these experiments, the Municipal Commissioner recommended to the Standing Committee and the Corporation that the experiment may be extended to a particular locality, say Tardeo area, where all the taps on the ground and first floors may be provided with orifices and to watch the result of the experiment. The cost of providing orifices in the Tardeo area was estimated at Rs. 6,250. The Standing Committee and the Corporation sanctioned an additional grant of Rs. 6,250 for the work, under II.—Water Works, B.—Repairs and Maintenance, II.—Extra-ordinary. Quotations were invited by the end of the year for the supply of orifices.

Improving faulty dis tribution system in private premises Survey of Chawls.

102. As a complaint was made tothe Government that there was an unequal distribution of water supply and that chawls occupied by mill-hands were not getting enough quantity of water supply the Municipal Commissioner appointed a special staff comprising one Inseector, two Sub-Overseers, four Chawiwallas, four Mistries and four Labourers for a period of two months for cerrying out a survey of mill chawls with a view to determining the existing distribution in these chawls, and put up requisitions for improving water supply to these premises together with the estimated cost and quantities of materials required for carrying out improvement in the water supply. In all 2,433 chawls were surveyed and materials required for the improvement of water supply to these premises were communicated to Government. The Government were urged to release the materials. The cost of the staff amounting to Rs. 2,200 is included under Establishment (paragraph 112).

Proposals for Emer gency Augmentation of City's water supply.

103. In view of the extreme shortage of water supply in the City, the Corporation requested the Municipal Commissioner to report what immediate measures could be adopted for (1) increasing the existing supply; (2) regulating the distribution in a more equitable manner and (3) eliminating wastage of water.

(1) With regard to the question of increasing the existing supply, the following proposals were submitted to the Corporation for approval.

(i) *Lowering the Tansa Outlets.*—There are two outlets at the level of 380 T.H.D. in the Tansa Dam. With these outlets it is possible to supply from the Tansa Lake 90 million gallons per day till the level in the lake reaches 387.5 T.H.D. It has been found from theoretical calculations that, if two other outlets are laid at a lower level, it will be possible to suplply 90 million gallons per day from the Tansa Lake by gravitation till the lake level reaches 385 T.H.D. and upto 360 T.H.D. provided low-lift pumping sets are installed. The contents of the lake between 387.5 and 385 T.H.D. are 1,600 million gallons. If this additional source is tapped, it will increase the supply by about 4.5 million gallons per day if distributed over a period of whole year, and 13 million gallons per day if distributed over the hot weather months of March, April and May when the shortage is felt most.

When the pumping sets are installed, it will be possible to tap the contents of the lake between 387.5 and 265 T.H.D. (12,600 million gallons) The scheme consists of the following :—

(a) Driving two openings 5' in diameter in the dam at 360 T.H.D. and lining them with two 57" steel mains properly gunited in position.

(b) Providing penstock gates of suitable sizes on the upstream side of the dam.

(c) Constructing a suitable coffer dam in the lake on the upstream side of the dam, and

(d) Laying two 57" diameter, steel pipes about 3,000' inlength each along the toe of the dam, on a raised embankment with culverts, bridges, etc., and joining with the existing two 72" pipe lines west of the outlet well with necessary sluice valves and connections.

The total cost of the works is estimated at Rs. 12,25,000 exclusive of the cost of pumping units. The proposal was under the consideratoion of the Works Committee and the Corporation at the end of the year.

(*ii*) *Providing automatic shutters.*—The dam at Tansa was designed for a full supply level of 420T.H.D. with 2′—6″ flood over the waste-weir and 5′ of free board. The dam is at present built to a height of 420 T.H.D. for the waste-weir portion and 423 T.H.D. for the rest of the portion. The water level in the lake can be raised by about 2′ by providing automatic shutters over the waste-weir. If this additional head of water is impounded, it will increase the storage capacity of the Tansa Lake by about 2,900 million gallons and this would give an additional quantity of water of about 10 million gallons per day. The shutters will remain in position till the water level reaches 422. 25 T.H.D., but would then fall automatically due to the unbalanced weight of increasing water and allow the flood to pass over the waste weir. The shutters would come to their original posotion as soon as water level falls to 422.00 T..H.D. Messrs. Duncan Stratton & Co. Ltd., who are the Agents and Licensees in India for Messrs. Buss Limited, Basle, Switzerland, and who have supplied and erected automatic gates in India and abroad were requested to quote for this work. The estimated cost of installing automatic shutters as per quotations received from them is Rs. 8,00,000 inclusive of the cost of providing a suitable "nappe" profile on the top of the Tansa Dam.

As the work of fabricating and installing shutters would take some time and with a view to catch the coming monsoon, a proposal was submitted to the Corporation to raise the full supply level of the lake by one foot by providing a temporary stop-log construction consisting of 2″ timber planks backed by and clamped to mild steel bars cemented into the spillway at an estimated cost of Rs. 20,000 This will impound an additional quantity of 1,275 million gallons, which will increase the supply by about 4.5 million gallons per day.

The proposals were before the Works Committee and the Corporation at the end of the year

(*iii*) *Cement Grouting.*—Before carrying out the work of providing automatic shutters or at least simultaneously with it, it is absolutely necessary to grout or inject under pressure cement in the lower portion of the dam at certain places with a view to strengthen the dam and fill up the hollows in the lower portion of the dam. The work of cement grouting of the Tansa Dam was originally approved by the Corporation under their Resolution No. 1036, dated the 15th January 1940 (*vide* paragraph 72 of the Administration Report for the year 1939-40). The revised estimated cost of this work is Rs. 3,68,000 as per quotations submitted by Messrs. The Cementation Co., Ltd. The revised estimate was before the Works Committee of the Corporation for their sanction at the close of the year.

(*iv*) *Reconditioning the Duct Line and Reinstating the missing portions of Powai and Ghatkopar Syphons.*—In 1929-30 about 7,300 R.ft. of 48″ C.I. pipes were removed from the Powai and Ghatkopar syphons in order to replace the corroded portion of the 57″ steel mains passing thorugh the Race-course, with the result that the carrying capacity of the duct line was reduced to half, *i.e*,, 20 million gallons per day. In order to bring more water to the City, it is proposed to recondition the duct line at a cost of Rs. 27,00,000 (Pre-War estimate) and to reinstate the missing syphons at an estimated cost of Rs. 9,75,000. The proposals were before the Municipal Commissioner for consideration.

(2) With regard to the question of regulating distribution in a more equitable manner, the following proposals were submitted to the Corporation for approval:—

(*i*) *Service Reservoirs for the North of the Island.*—At present the North of the Island, mainly F and G Wards, are supplied directly from the trunk mains in the abesence of service reservoirs. These areas have developed considerably during the recent years and the service reservoirs are essential to cope up with the maximum rate of draw off and to ensure more equitable and better distribution of water supply to the North of the Island. The proposal for service reservoirs at Worli and Rowli hills estimated to cost Rs. 38.37 lakhs and Rs. 21.33 lakhs, respectively, was originally submitted by the Municipal Commissioner in the year 1938, but the consideration thereof was referred to by the Corporation to a Sub-Committee appointed for the purpose. No decision was, however, arrived at by the Committee, but in view of the acute shortage during the year under report, the Committee requested the Municipal Commissioner to submit detailed plans and estimates.

In view of the fact that the original estimates were prepared on block basis only and as it is proposed to carry out the work of service reservoirs as soon as materials are available, it was considered necessary to prepare detailed plans and estimates. The Municipal Commissioner therefores recommended appointment of a special staff for the purpose and the proposal was before the Works Committee and the Corporation at the ene of the year.

(*ii*) *Providing additional mains to improve the distribution system.*—On account of War condition and difficulties in obtaining materials, the Loan Works programme for laying water mains was dragtically curtailed during the last four years. On the other hand, due to influx of population into the City, the demand for water supply increased considerably with the result that the existing distributary water mains in several localities were found inadequate to cope up with the demand. The total cost of laying feeder and distributary mains is estimated at Rs. 90,00,000 and the work will be carried out during the post-war period to the extent of the funds aviailable.

(*iii*) *Providing venturi meters on trunk, outlet, inlet and distributary mains.*—There are nine venturi meters on the trunk distributary water mains in the Outside City Division, but so far no venturi meters have been provided in the Inside City for gauging the flow of water passing through different mains supplying water to the various localities, areas and districts and, therefore, it is not possible to determine whether the disribution of water supply in different parts of the City is on a unifirm and equitable basis. The total cost of providing venturi meters on trunk mains, outlet, inlet and distributary mains is estimated at Rs. 3,71,040 and the work will be spread over a period of five years.

(3) With regard to the question of eliminating wastage of water, the following proposals were submitted:—

(*i*) *Re-washering leaky taps.*—Prior to 1944-45 owners and occupiers of premises were called upon to re-washer the leaky taps by serving them with notices. This procedure took a considerable time, as, even after service of notice, some time elapsed before the work was entrusted by the owner or occupier to a Licensed Plumber and, in the meantime continued wastage of water occurred. It was, therefore, proposed that the work of re-washering leaky taps should be carried out at the expense of the owner or occupier who would be charged for the same at the rate of Annas 8 for each tap re-washered. The proposal was sanctioned by the Corporation in January 1945.

(*ii*) *Proposals for anti-waste campaign.*—The following proposals for publicity propaganda in connection with anti-waste campaign were considered; and the Publicity Officer has been requested to do the needful in the matter.

(*a*) Propaganda through the Press and on the Radio.

(*b*) Putting up posters near the general washing places in different languages in all the chawls in the City and showing cinema slides illustrating the various ways in which water is wasted by the public and the ways and means whereby such wastage can be prevented.

(*c*) Exhibiting short instructive films through the medium of the Information Films of India for educating the public opinion.

(*d*) Publicity through the medium of Schools and school children.

(*e*) Formation of Tenants' Committees for active co-operation of the tenants in detecting wastage.

The matter was further taken up with the Director of Information, Government of Bombay, to assist the Bombay Municipality in anti-waste campaign by getting a tropical film prepared for publicity through the medium of local cinemas and the Municipal and Government publicity vans. The Standing Committee and the Corporation sanctioned an additional funds to the extent of Rs. 20,000 under II.—Water Works, D.—Miscellaneous, XIII.—Publicity Propaganda, of which Rs. 10,000 was the cost of propaganda to be carried out through the assistance of the Government of Bombay.

XII.—WORKS FOR IMPROVEMENT OF DISTRIBUTION SYSTEM.

Provision of a 32" non return valve on the 32" west main Nana's Chowk.

104. During the year one 32" non-return valve was provided at Nana's Chowk on the 32" west main on the downstream side of the 18" cross connection between the 32" west and the 36" east inlet mainsto the Malabar Hill Reservoir so as to take advantage of the portion of 32" main upstream of this cross-connection for bringing more water into the Reservoir by keeping the cross connection open during supply hours when the pressure into 32" west main remains lower than that in the 36" East main. This arrangement has resulted in bringing an additional quantity of about one million gallons per day into the Malabar Hill Reservoir.

24" cross connection at Carrol Road junction De Lisle Road.

105. A 24" cross connection at Carrol Road junction DeLisle Road between the 57" East and West mains and the 24" Tulsi main was made during the year in order to boost up pressures in 24" Tulsi main in case of emergencies and fire. The cross connection, being near the G Ward Chowky, the Ward staff can handle the cross connection within a short period. This enables efficient water service in case of fire in this locality, where the water supply is given directly through the trunk main.

Improving the supply in E ward, cross-connec tions with the 36" inlet to the Bhandarwada Hill Reservoir.

106. In case of a fire in certain portions of the E Ward, particularly Mazagaon and Mount Road areas, considerable time is required before adequate pressures could be built up. The supply to these areas is from the Bhandarwada Hill Reservoir, but as these areas are very large the pressures do not build up unless a number of sluice valves are manipulated. Four cross connections were, therefore, made with the 36" inlet main to Bhandarwada Hill Reservoir at the following places and are operated as and when necessary :—

(1) 14" Mazagaon outlet at the junction of Dockyard andMazagaon Roads.
(2) 14" Mazagaon outlet at Mount road junction Victoria Road.
(3) 6" Haines Road.
(4) 6" DeLisle Road.

Extension of 18" main in K. E. M. Road upto Sewri Station.

107. The industrial area near Sewri Station as well as the area known as Timber Pond had been a scene of large fires many a times and great difficulty is experienced to develop adequate pressures in that area. The 18" main in King Edward Road (from the 48" new Tansa main) laid upto Laxmi Narayan Napoo Road was, therefore extended during the year up to the Railway line near Sewri Station. This has enabled the pressures in this locality to be boosted whenever necessary. The main is to be further exetended beyond the railway line up to Timber Pond next year.

12" main on the western slope of Malabar Hill.

108. So far, the Napean Sea Road and Narayan Dabholkar Road area were served by a 6" main from the Malabar Hill Reservoir. The supply to this area had to be kept continuous for 24 hours for fear of not being able to develop the required pressures in case of emergency. The 6" main has been now enlarged to 12" and the supply in these areas has been proposed to be restricted from 15-5-1945 to the same hours as for the rest of the City, by operating a sluice valve near Malabar Hill Reservoir for which a Public Notice has been given in the Press requesting the residents of these localities to store water for their use during non-supply hours. For this work, as well as, to help generally the sluicemen at Malabar Hill Reservoir, three additioal Sluicemen have been proposed to be appointed from that date.

Measures for prevne ting bursts on 48" old and new Tansa mains.

109. In connection with this work two 48" sluice valves with cross-connections were provided on the 48" old and new mains at Khodadad Circle. Dadar and Vincent Road Junction Kharaghat Road, respectively. This will enable the sections of the mains inside the City to be isolated at this point which was not formerly possible to do in case of bursts on these mains.

New mains.

110. Besides the above works, a number of new mains were laid in various parts of the City or the existing mains were enlarged with a view to improve the distribution system, the details of which will be found in paragaraph 76.

XIII.—MEASURES FOR CIVIL DEFENCE.

Static Tanks.

111. (*a*) It was further decided to demolish 48 more tanks bringing the total number to 89 and to allow the 15 tanks to stand filled with water. As before the work was entrusted to the City Engineer and 20 tanks were demolished during the year under report, thus bringing the totel number of tanks demolished to 46.

Surface Wells.

(*b*) The 10 pumping sets which were removed from the wells during the previous year were handed over to the City Engineer to be utilised for improving water supply to municipal chawls.

Cross connections between trunk mains.

(c) Consequent upon the Government instructions to stop all the A.R.P. works owing to improved War situation the question of sharing cost of the materials, labour, etc., incurred in connection with the works carried out sofar was taken up and Government have approvedof the Municipal Commissioner's proposal to share the expenditure as follows:—

(1) The cost of materials used from the Municipal stock in respect of this scheme should be borne entirely by the Municipality.

(2) The cost of other materials purchased by the Municipality from private firms and amounting to Rs. 56,020-8-0 as well as the cost of labour incurred on the work should be borne equally by Government and the Municipality.

Protection of vital structures.

(d) Owing to improved War situation no further measures were taken to protect vital structures.

Materials, Plant etc.

(e) Materials as per details in Appendix 'A1' costing Rs. 20,052 were received during the year. In view of Government instructions to suspend A.R.P. measures orders on the Contractors for supply of materials to the extent of about Rs. 43,813 were cancelled. In some cases Government did not issue necessary permit for release of steel for manufacturing specials.

Housing Accommodation

(f) About 110 employees of the Inside City Division were accommodated in the building requisitioned for A.R.P. purposes on payment of concessional rents. In the outside City Division no quarters were constructed during the year.

Cost.

(g) The expenditure incurred under para. 111(a) was Rs. 13,047 and was borne by Government. The expenditure incurred under paragraph 111(b) (c) was Rs. 20,052 and was borne by the Municipality. The expenditure incurred under paragraph 111(c) was shared by Governmen and the Municipality as per details given below:—

(1) The cost amounting to Rs. 22,152 for materials used from the municipal stock is borne entirely by Municipality.

(2) The cost of the materials purchased by the Municipality from private firms and amounting to Rs. 56,020-8-0 as well as the cost of labour amounting to Rs. 78,835 is borne equally by the Municipality and Government.

The cost of paragraph 111 (d) and (1) was Rs. 400 and was shared equally by Government and the Municipality.

XIV.—GENERAL.

Staff.

112. The details of the Superior staff of the Water Works Department are shown in the table marked Appendix 'A3'. The details of staff are as under:—

			Rs.	a.	p.
(1)	Total number of Superior staff		182		
(2)	Total number of Inferior staff (Chaviwallas, Store Attendants and Peons) ...		60		
(3)	Total cost of the Establishment (Superior and Inferior)		2,71,475	0	0
(4)	Total number or employees (labourers, artisans, etc.), on permanent Establishment.		684		
(5)	Cost of the above Establishment	Rs. ...	2,19,125	0	0
(6)	Total number of the employees on monthly wages who are charged to the respective grants in Revenue works on which they are employed		394		
(7)	Cost of the above Establishments	Rs. ...	4,738	4	0
(8)	Total number of employees on daily wages debited to grant under Labour Temp.		29		
(9)	Cost of the above Establishment (under labour temporary) ...	Rs. ...	14,697	0	0
(10)	Total number of employees on Loan Works on permanent Establishment charged to various Loan Works		243		
(11)	Cost of the above Establishment	Rs. ...	89,929	6	0
(12)	Total number of (temporary employees on daily wages and charged on various Loan Works grant		188		
(13)	Cost of the above Establishment	Rs. ...	65,528	1	0
(14)	Total number of staff (Permanent and Temporary)		1,780	1	0
(15)	Total cost of the Establishment (Permanent and Temporary) ...	Rs. ...	5,65,492	11	0

Housing of the staff Inside City.

113. Housing Accommodation was provided for the following staff, as their attendance on duty was required at any time of the day or night.

Fixed Rent.

(a) The Hydraulic Engineer, is provided with accommodation at the Malabar Hill Reservoir on fixed rent.

Standard rent at 10 per cent of the pay.

(b) The Assistant Engineer, Waste Prevention and 33 persons of the Labour Staff on standard rent at 10 per cent of the pay.

Concessional Rent at 5 per cent of the pay.

(c) Five Inspectors and one Sub-Overseer in the Distribution Branch at concessional rent at 5 per cent of the pay.

Rent-Free Quarters.

(d) The Assistant Engineer, Distribution, one Inspector Maintenance, two reservoir Attendants at Malabar Hill and Bhandarwada Hill, Stores Clerk, and 99 members of the Labour Staff in rent free quarters.

During the year, the Babulla Tank Fire Brigade Station was shifted to Memonwada Road and the premises were handed over to this department, which would have served to meet to some extent the great need felt for housing the staff of the Distribution Branch. In the meantime as the Docks Explosion occurred a portion (one officer's Quarters and 14 rooms) was given on hire for temporary occupation to the Salvage Corps whose building near the Docks was destroyed, and only one Officer's Quarters (occupied by C Ward Inspector), and 6 rooms were made available for occupation. This has enabled all the Ward Inspectors except the B Ward Inspector to be provided with Municipal Quarters at concessional rent, thus affording quick and efficient service in case of fire calls and emergencies. The quarters at Sankli Street occupied by the staff of this department

which were in a dilapidated condition were demolished during the year and eleven rooms in the Chawl in the same compound in charge of the City Engineer were handed over to this department.

114. Housing accommodation was providede for one Assistant Engineer, II Grade, five Inspectors two Sub-Overseers and 150 members of the labour staff in the outside City Division as their attendance on duty, was required at any time of the day or night.

Housing of the staff Outside City.

115. Water proof coats, Woollen coats, Cumblies, Umbrellas and Uniforms were supplied to 228 members of the staff consisting of Sub-Overseers, Chaviwallas, Sluicemen, Mucamdas, Park-keepers, and 551 members of the Labour Staff as per details given in Appendix 'A' 2. The expenditure booked during the year was Rs. 7,189.

Clothing.

116. Ground and Building rents and assessment charges paid inside and outside City including taxes amounted to Rs. 2,675 during the year.

Ground and Building rent.

117. Contingent charges, such as Postage, Conveyance, etc., amounted to Rs. 1,239 for the year.

Contingencies.

118. The cost of electrical energy supplied to Ward Offices of this Department amounted to Rs. 1,642 during the year.

Electric Energy.

119. The expenditure booked during the year for the Plant and Machinery ordered out during the previous year under Special Funds (Loan) was Rs. 48,557 and included under paragraph 123(*a*) and under Revenue was Rs. 6,459 and included under paragraph 123(*b*) From the grant for 1944-45 under Plant and Machinery, the following Machinery and equipment were ordered out at the cost mentioned against each of the item but expenditure booked was Rs. 3,725 included under paragraph 123(*a*) and (*b*). Most of the Plant and Machinery were not received during the year on account of War.

New Plant, Machinery and tools.

Description.	Amount.	Remarks.
(*a*) **Under Revenue.**	Rs.	
(1) 2 Nos. Ambulance Lorries	2,948	
(2) 40 B.H.P. slip ring, induction motor with starter	3,016	Not received in 1944-45.
(3) 2 Pairs of cutters for 'Cut Out' m/c	130	
(4) 6 Nos. Pressure Recorders	3,790	Received.
(5) 1 No. Spray Gun	55	Received.
(*b*) **Surplus Cash Balance (Revenue)**		
(1) 2 Nos. Motor vehicles purchased from O.C., F.S. ...	1,425	
(*c*) **Under Special Funds (Loan).**		
(1) 1—48" and 1—12" Electrically operated sluice valves for Bhandarwada Hill Reservoir	20,000	Not received.
(2) 3 Self Priming Portable Centrifugal Pumping Sets... ...	15,000	One set received Two on order.
(3) 40 B.H.P. Pumping Set for Malbar Hill Reservoir	6,283	Not received.
(4) Conversion of one pair of hydraulically operaeted sluice-valves into hand-operated ones at Powai	7,500	Do.
(5) Purchase of two 'R' type Chlorinator Panels to replace the two existing ones at powai ...	17,575	Do.
(6) Purchase of a Boat for Tansa	3,175	Do.
(7) Purchase of a concrete mixer for outside City Division ...	4,900	Received.

120. Books, Periodicals and Furniture of the value of Rs. 516 were purchased during the year.

Books, Periodical and Furniture.

121. Printing charges amounted to Rs. 1,841 and Stationery and Drawing materials of the value of Rs. 1,350 and Rs. 598 respectively, were purchased during the year for the use of the Department. The cost of advertisement amounted to Rs. 898. The total cost amounted to Rs. 4,687.

Printing and Stationery.

122. Minor and Unforeseen charged amounted to Rs. 2,087.

Minor and Unforeseen Charges.

123. (*a*) **Revenue.**—The total expenditure incurred on Water Works amounted to Rs. 71,42,418 which includes Rs. 54,41,355 for interest, sinking fund charges, etc., for Loans raised for water works, Rs. 3,15,757 for proportionate charges for General Superintendence and Revenue Collection and Rs. 1,08,685 for Provident Fund and Pension Charges. The total Revenue derived from the Water Works was Rs. 1,11,29,420 the excess of income over expenditure being Rs. 39,87,002. The average cost of water brought into the City including wastages and supplied to the Suburbs works out at 2 Annas 8 Pies per 1,000 gallons.

Costing.

(*b*) **Loan Funds.**—The total expenditure incurred during the year out of Loan Funds was Rs. 6,41,738.

(*c*) **Other Public Bodies.**—Works to the extent of Rs. 62,593 were carried out by the Deprtmen on behalf of Government, Bombay Port Trust, Military Authorities, and Private Parties.

E. A. NADIRSHAH,
Hydraulic Engineer.

APPENDIX "A" (Paragraph 9).

Quantity of water used for different purposes.

Serial No.	Particulars.	No. of premises.	Quantity in million gallons	Percentage.	Remarks.
1	Bungalows and Gardens ...	261	268.68	0.64	Metered.
2	Milch Cattle Stables ...	88	185.71	0.44	"
3	Other stables ...	35	60.26	0.14	"
4	Mills ...	82	2158.75	5.16	"
5	Dyeing and Bleaching Works ...	75	844.41	2.02	"
6	Gymkhanas, Playgrounds, etc. ...	65	65.84	0.16	"
7	Race Course ...	1	60.24	0.15	"
8	Industries ...	541	742.49	1.77	"
9	Laundries and Dhobighats ...	78	72.21	0.17	"
10	Hotels ...	41	66.36	0.16	"
11	Flour Mills ...	7	6.39	0.01	"
12	Municipal properties ...	65	194.42	0.47	"
13	Government Properties ...	356	989.11	2.37	"
14	Railways ...	95	661.78	1.58	"
15	Bombay Port Trust ...	218	760.27	1.82	"
16	Suburbs ...	81	1,817.63	4.35	"
	Total metered supply ...		8,952.55	21.41	—
17	Building Works ...	Rs. 30,360.5	34.69	0.08	Estimated.
18	Road Construction, ...	96.262.2 sq. yds.	3.49	0.01	"
19	Fire purposes ...	Calls. 796	911.00	2.18	"
20	Leakage and other estimated losses through Municipal mains ...	9.84 m.g.p.d.	3,592.00	8.60	"
21	Road watering and cleaning at 2 gallons per gulley ...	25,56,3879.0 sq. yds.	50.95	0.12	"
22	Gully flushing at 180 gallons per square yard ...	1,37,118 0	24.68	0.06	"
23	Miscellaneous, such as Drainage and Sewerage Works, Public Conveniences, Hospitals, Charitable Institutions etc. ...	...	2,187.50	5.23	"
24	Domestic ...	...	26,045.14	62.31	"
	Total unmetered supply	...	32,849.45	78.59	—
	Total quantity of water supplied to the City and suburbs during the year ...		41,802.00	100.00	

APPENDIX "B" (Paragraph 10).

Statistics of the Lakes.

Serial No.	Particulars.	Tansa.	Vehar.	Tulsi.	Powai.
1	Distance from Bombay in miles by road ...	66	18	22	17
2	Lake area at Full Supply Level in square miles ...	7.31	2.81	0.52	0.57
3	Total catchment area in square miles ...	52.50	7.32	2.61	2.58
4	Total rainfall in inches ...	109.52	93.35	121.50	92.80
5	Rainfall (percentage) as compared with preceding 5 years ...	8.92	10.81	18.00	1.76
6	Number of wet days ...	105	95	89	96
7	Number of days in which rainfall exceeded 1" ...	29	25	32	24
	Do. 2" ...	13	17	21	15
	Do. 3" and above ...	10	11	14	11
8	Maximum rainfall per day in inches ...	7.75	6.27	8.00	6.50
9	The lake commenced to overflow when the rainfall amounted to inches ...	58.58	No over-flow.	70.56	32.39
10	Number of days the Lake overflowed ...	43	Do.	42	60
11	Full supply level of the lake in feet above T.H.D. ...	420.00	264.50	456.60	195.00
12	Lowest level reached during the year in feet above T.H.D. ...	393.83	241.09	439.15	190.60
13	Highest level reached during the year in feet above T.H.D. ...	421.72	262.50	457.96	195.70
14	Contents of the lake at full supply level in million gallons above the lowest outlet	35,600	9,120	2,295	1,200
15	Lowest drawable levels. ...	387.5	234,00	430,00	...
16	Drawable capacity of lakes when full in million gallons. ...	31,064	8,500	1,771	...
17	Contents of the lake in million gallons between the lowest level reached during the year and the lowest drawable levels. ...	4,575	1,463	468	...
18	Quantity of water required to fill up the lakes to full supply level from the lowest level reached in million gallons ...	26,489	7,037	1,303	443
19	Quantity of water that overflowed over the waste weir in million gallons ...	32,945	No over-flow	1,750	3,512
20	Percentage of run off into the lake from the catchmen ...	83.99	73.09	72.88	75.39
21	The total quantity of Water brought into the City and Suburbs during the year in million gallons ...	34,036	6,444	1,322	...
22	Total quantity of water brought into the City and Suburbs per day in million gallons	93.25	17.65	3.62	...
23	Total loss of water due to evaporation, leakage and absorption in million gallons during the dry period (8 months) ...	5,305	1,326	476	...
24	Average loss per day due to evaporation, absorption and other losses during the dry months in million gallons (8 months) ...	21.83	5.45	1.95	1.83

Note.—The rainfall in Bombay during the year as observed at the Colaba Observatory was 74.85 inches.

APPENDIX "D" (Paragraph 12).

Quantity of water lost by evaporation alone at the lakes.

Month.	Evaporation in feet.				Evaporation in million gallons.			
	Tansa.	Vehar.	Tulsi.	Powai.	Tansa.	Vehar.	Tulsi.	Powai.
1944—								
April	0.744	0.535	0.510	Not recorded	675.77	140.70	34.68	Not recorded
May	0.588	0.538	0.527	Do.	493.80	131.81	33.72	Do.
June July August September		Not	recorded			Not	recorded	... Do.
October	0.503	0.501	0.510	Do.	489.08	145.01	37.81	Do.
November	0.419	0.464	0.493	Do.	484.36	158.22	41.90	Do.
December	0.417	0.496	0.527	Do.	457.32	158.72	42.68	Do.
1945—								
January	0.375	0.451	0.527	Do.	389.02	138.00	39.52	Do.
February	0.459	0.438	0.476	Do.	448.94	128.33	33.79	Do.
March	0.694	0.518	0.527	Do.	642.22	142.45	35.83	Do.
Total	4.199	3.941	4.097	Nil.	4,080.51	1,143.24	299.93	...

Grand Total — 5,523.68 million gallons in dry season = 22.73 million gallons per day.

APPENDIX 'E' (Paragraph 26).

Plant and Machinery in use in the Outside City Division.

Serial No.	Discription.
1	Drewry Motor Trolley No. 1 with 10 B.H.P. Petrol Engine.
2	Drewry Motor Trolley No. 3 with 10 B.H.P. Petrol Engine.
3	Drewry Light Motor Trolley No. 5 with 8 B.H.P. Petrol Engine.
4	Drewry Trolley No. 6 with 24-45 B.H.P. Ford Petrol Engine.
5	Buda Light Inspection Motor Trolley No. 7 with 6 B.H.P. Petrol Engine.
6	'Buda' Motor Trolley No. 8 with 17 B.H.P. Petrol Engine.
7	'Buda' Light Inspection Motor Trolley No. 9 with 7 B.H.P. Petrol Engine.
8	'Buda' Light Inspection Motor Trolley No. 10 with 7.7 B.H. P. Petrol Engine.
9	'Buda' Light Inspection Motor Trolley No. 11 with 7.7 B.H.P. Petrol Engine.
10	Portable 'Little Giant' Electric drilling machine heavy duty air cooled with universal motor.
11	Oxy-Acetylene welding and cutting plant with trolley.
12	Oxy-Acetylene welding and cutting plant with trolley.
13	Atlas Electric driven Lathe with ½ B.H.P. 1450 R.P.M single phase motor.
14	'Broom Wade' Air Compressor at Ghatkopar.
15	Portable 'Jager' Pump 1½" size with Petrol Engine.
16	Hand drilling machine, capacity upto 1½".
17	Hack Saw machine, capacity 6"×6" complete with 1.5 B.H.P. Motor belt driven.
18	Ammonia Plant at Ghatkoper cross connection with injector (Pressure type).
19	Two Centrifugal Pumps at Ghatkopar cross connection 1½" Wortington Pumps with 1½ B.H.P. motor.
20	Two Chlorinator N' type at Ghatkoper cross connection with pressures type solutionizers.
21	Lighting set at Powai Chlorination House, 32/44 volts with 3 B.H.P. 'Petter' Engine.
22	Central Chlorination Plant at Powai Chlorination House with 3 hydrostats, six chlorine panels and pressure type solutionizers.
23	'Petter' Oil Engine, 'S' type 18/21 B.H.P. 450 R.P.M. at Powai Chlorination Plant.
24	Air Compressor at Powai Chlorination Plant.
25	Johnson out-board motor at Vehar with 0.93 B.H.P. petrol drive Engine.
26	3 Nos.—Low Pressure Centrifugal Pump 3" × 3" pump with 6 B.H.P.
27	One set.—High Pressure Centrifugal Pumps (2-1½" Worthington Pumps in series) with 3 B.H.P. Petrol Engine.
28	Lime Plant at Vehar.
29	'Petter' Oil Engine, 'S' type 6 B.H.P., 720 R.P.M. at Bhandup Chlorinating Plant.
30	Centrifugal pump, 3"×3" Gwynes Pump, at Bhandup Chlorinating Plant.
31	Centrifugal pump, 4"×5" 'Bomdon' pump, at Bhandup Chlorinating Plant.
32	'Petter' Oil Engine, 'S' Type, 18/21/B.H.P. 450 R.P.M. At Bhandup Chlorinating Plant.
33	'Petters' Oil Engine, 'S' type 8 B.H.P. 550 R.P.M. at Bhandup Chlorinating Plant.
34	Pulso meter Centrifugal Pump, 4"×3" size at Bhandup Chlorinating Plant.
35	Air Compressor set with 1½ B.H.P. 750 R.P.M. 'Peter' Engine at Tulsi Filters.
36	2 Nos.—'Broom Wade' Air Compressors at T lsi Filters.
37	'Petter' Oil Engine. 'S' type 25 B.H.P. 400 R.P.M. at Tulsi Filters.
38	'Wolfe' Oil Engine. Type Dj, 12.25 B.H.P. at T lsi Filters.
39	Ammoniator "AN" type, gravity type at T lsi Filters.
40	C lorinator gravity type at Tulsi Filters.
41	Diesel Locomotive, 10 tons capacity with 40 B.H.P. National Engine.
42	'Millers' Concrete Mixer (5'×6') complete with engine.
43	Johnson out board Engine with 0.93 B.H.P. Petrol Driven Engine at Tansa.
44	Blakes Hydraulic Ram (6") at Tansa.
45	Blakes Hydraulic Ram (1") at Tansa.
46	Lighting set 100/140 volts, complete with Engine and dynamo, 405 Kilo-watt. 950 R.P.M. at Tansa.

APPENDIX 'F' (PARAGRAPH 31)

Structures in the Outside City Division.

2 Nos.—For offices at Ghatkopar and Powai.

10 Nos.—For Stores at Ghatkopar, Powai, Vehar (2), Kapurbavdi (2), Agra Road, Khaling (2) and Tansa.

2 Nos.—For Workshops at Ghatkopar and Agra Road.

2 Nos.—For complete Chlorinating and Ammoniation plants at Ghatkopar Cross Connection and Powai.

3 Nos.—Engine Houses at Bhandup, Powai Compound and Powai Filters.

1 No.—Filters and Engine House at Tulsi.

1 No.—Pump House at Vehar.

3 Nos.—Trolley and Loco sheds at Ghatkopar (2) and Kapurbavdi.

3 Nos.—For Venturies at Powai, Marol and Thana Road.

9 Nos.—Stone masonry sluice Houses at Bandra, Sion Marimata, Vehar Tunnel, Bangoda Tulsi, Kapurbavdi, Gundoli and Tarali.

3 Nos.—Brick masonry sluice Houses at Chembur, Kirol and Kasheli.

13 Nos.—Syphon Head Cabins at Ghatkopar Syphon Head, Powai Syphon North and South; Yewai Syphon North and South, Agra Road Syphon north and south, Khaling Syphon north and south, Mandola Syphon north and south, Newada Syphon north and south.

1 No.—Watchman's cabin at Bhandup.

1 No.—Carpenter shed at Ghatkopar.

1 No.—Lighting set House at Powai.

6 Nos.—Inspection Bungalows (stone-masonry) at Tansa (2 with out-houses), Newada, Khaling, Powai compound and Vehar (with out-house).

5 Nos.—Officers' quarters of stone masonry at Vehar, Kapurbavdi, Khaling, Agra Road and Tansa

3 Nos.—Officers' quarters of Brick masonry at Santa Cruz (2 with out-houses), and Ghatkopar.

152 Units.—Workmen's units (Permanent structure) at Sion (6), Chembur (11), Ghatkopar (10), Ghatkopar Cross Connection (7), Ghatkopar Syphon Head (5), Thana Road (1), Marol (2), Powai Anchor Block (2), Powai compound (2), Powai Filters (25), Vehar (3), Bhandup (3), Tulsi (4), Pokhran Syphon Head (3), Kapurbavdi (6), Kasheli Bridge No. 2 (1), Gundoli Anchor Block (2), Tarali Anchor Block (2), Pogaon Anchor Block (2), Pogaon Syphon (3), Yewai Syphon North (3), Agra Road (8), Kiravli (2), Pachapur (2), Jamboli (2), Agra Road Syphon north and south (4), Khaling (6), Khaling Syphon north (5), Mandola Syphon north and south (4), Newada north (4), and Tansa (12).

8 Units.—Workmen's quarters semi-permanent units—Swing Bridge (5), and Ghatkopar Cross connection (3).

APPENDIX "G" (Paragraph 37).

Rainfall and Vaitarna River discharge at Mangalpada near Tembha. (At the site selected for a pick-up-weir).

Month.	YEAR 1930		1931		1933		1934		1935		1936		1937		1940		1941		1942	
	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.
June ...	25.46	15,766.34	2.02	*Nil.*	17.11	22,270.52	17.99	12,387.18	22.18	9,524.91	24.90	24,253.44	28.36	23,964.77	17.98	14,345.80	9.65	6,185.07	25.11	13,870
July ...	20.11	117,625.07	73.93	98,844.03	24.86	44,789.95	29.15	69,166.19	35.72	76,630.71	27.30	62,316.18	58.52	122,371.27	46.75	77,545.61	58.62	80,777.57	65.31	1,27,195
August ...	10.58	46,897.30	25.62	88,620.82	39.51	110,497.42	31.68	81,995.56	16.70	66,233.10	17.32	49,610.04	9.14	29,975.14	36.81	79,623.20	16.31	40,459.13	18.55	54,670
September ...	18.09	50,395.96	14.17	34,324.84	26.39	54,509.48	12.04	23,659.63	17.40	40,891.41	16.97	43,051.97	25.94	48,271.90	11.69	27,059.62	5.22	9,004.88	17.84	44,605
October ...	1.31	8,113.15	18.92	47,917.44	3.16	7,175.74	2.29	3,575.65	5.06	4,050.87	0.05	2,636.89	2.04	6,595.27	10.97	20,225.63	3.62	1,905.33	...	7,968
November ...	*Nil.*	1,764.61	*Nil.*	1,033.30	*Nil.*	491.13	Not	recorded	0.03	651.53	Not	recorded	*Nil.*	831.00	Not	recorded	Not	recorded	Not	recorded
TOTAL ...	75.55	240,562.43	134.66	270,740.43	111.03	239,734.24	93.15	190,784.21	97.09	197,982.53	86.54	181,868.52	124.00	232,009.35	124.20	218,799.86	93 42	138,331.98	126.81	2,48,308.00

Month.	YEAR 1943		1944	
	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.
June ...	19.15	13,283	13.92	10,088
July ...	69.04	1,29,620	67.28	1,37,518
August ...	10.72	44,440	29.05	89,345
September ...	20.73	44,857	3.15	11,305
October ...	8.04	15,795	3.23	2,563
November ...	Not	recorded	Not	recorded
TOTAL ...	126.68	2,47,995	116.63	2,50,810

APPENDIX 'I'—(PARAGRAPH 43)

Hours of Supply in different localities since 7th November 1944.

(All time indicated in Bombay Time)

Locality.	Type of Supply.			Remarks.
	Full.	No Supply.	Restricted.	
(1) Colaba and Backbay Areas ...	1-30 A.M. to 8 A.M.	8 A.M. to 4 P.M.	4 P.M. to 1-30 A.M.	
(2) Dhobitalao, Girgaum and Thakurdwar areas.	Do.	8 A.M. to 4 P.M. and 6-30 P.M. to 1-30 A.M.	4 P.M. to 6-30 P.M.	
(3) Gibbs, Altamount, Carmichael, Peddar, Warden and Gowalia Tank Roads and Forjett Street.	Do.	Do.	Do.	
(4) Areas served by Bhandarwada Hill Reservoir, *viz.*, Mazagaon, Dongri, Nagpada, Mandvi, Kamathipura, etc.	Do.	Do.	Do.	
(5) North of the City above Clerk Road and bounded by a line along the Railway line (*G Ward*).	Do.	Do.	Do.	Direct Supply from 57" West Tansa Main
(6) North of the City above Kalachowky and bounded by a line along the railway line (F Ward)	9 P.M. to 8 A.M.	...	8 A.M. to 9 P.M.	
(7) Walkeshwar Road from junction with Ridge Road to the Government House Upper and Lower Gates and Malabar Hill Lower portion.	24 hours supply.			For fear of air-locks in 12" syphon main from the Malabar Hill Reservoir. Proposals were put upto relay the main and thereafter to restrict the supply as in other parts of the City.
(8) Nepean Sea Road and Narayan Dabholkar Road.	24 hours supply.			The size of the main is insufficient to build up pressures during emergency. During the year a larger size of main was laid and arrangements are being made to restrict the supply as in the other parts of the city.
(9) Bombay Port Trust Docks and Royal Indian Navy Dockyard.	24 hours supply.			Supply required for war efforts for which a special main was laid at the cost of Government. It is metered supply.

APPENDIX 'J'. (Paragraph 46).

No. of sluice valves operated and the staff for control and regulation of water supply.

Place.	Inspector.	Sub-Overseer.	Telephone Attendants.	Chawivallas.	Pump Attendants.	Sluicemen.	Labourers.	No. of sluice valves operated.		REMARKS.
								Hand operated.	Electrically operated.	
Babula Tank Control Station ...	...	3	3	...	...	1	1	4	...	Only in case of fire.
Malabar Hill Reservoir	...	1	...	...	3	6	...	10	12	
Bhandarwada Hill Reservoir ...	...	1	...	...	3	12	...	34	5	
A Ward (Mint Road)	1	3	...	3	...	2	5	17	...	
B Ward (Babula Tank Road) ...	1	2	...	3	...	2	4	7	...	
C Ward Do. ...	1	3	...	3	...	3	4	...	...	
D Ward (Gowalia TankNana's Chowk)	1	4	...	3	...	10	8	17	...	
E Ward (Souter Street)	1	3	...	3	...	3	5	5	...	
F Ward ...	1	3	...	3	1	4	5	8	...	
G Ward (DeLisle Road near junction with Elphinstone Road)...	1	3	...	3	...	2	5	10	...	
Futka Tank Sub-Control Station King's Circle) ...	...	...	...	...	...	2	1	...		
Lady Hardinge Road Sub-control Station (Junction Lady Jamshedji Road)	...	...	...	...	...	1	1	...	...	
Gokhale Road South Sub-control Station (Junction Portguese Church) ...	...	...	...	...	...	1	1	...	...	
	7	26	3	21	7	49	40	112	17	

APPENDIX 'K' (Paragraph 48).

Drinking Fountains, Cattle Troughs Etc.

I.—Drinking Fountains.

Serial No.	Location.	Ward.
1	Bazargate Street junction Gunbow Street ...	A
2	Cowasjee Patel Street ...	A
3	Gunbow Street and Cowasjee Patel Street ...	A
4	Churchgate Street (Flora Fountain) ...	A
5	Pitha Street ...	A
6	Carnac Road junction Hornby Road ...	A
7	Cruickshank Road opposite Municipal Office ...	A
8	Colaba Road opposite Observatory ...	A
9	Apollo Pier ...	A
10	Mayo Road Police Chowky ...	A
11	Pilot Bunder Road and Colaba Road ...	A
12	Palton Road and Saboo Siddick Road ...	A
13	Museum (Playing) ...	A
14	Nicol Road and Goa Street ...	A
15	Nicol Road and Currimbhoy Street ...	A
16	Nicol Road and Ballard Pier ...	A
17	Mahatma Gandhi Road and Eldon Road ...	A
18	Mahatma Gandhi Road near Tram shed at Museum	A
19	New Chinchbunder junction Noorbaug ...	B
20	New Chinchbunder junction Sandhurst Road ...	B
21	Samuel Street opposite House No. 136 ...	B
22	Imamwada junction Ebrahim Rahimtoola Road ...	B
23	Jail Road junction Dongri Street ...	B
24	Parel Road junction Sandhurst Road ...	B
25	Abdul Rehman Street junction Mandvi Road ...	B
26	Abdul Rehman Street opposite House No. 277 ...	B
27	Mahomedally Road junction Masjid Bunder Road ...	B
28	Chakla Street junction Carnac Road ...	B
29	Chakla Street opposite House No. 142 ...	B
30	Argyle Road junction Kurla Street ...	B
31	Argyle Road junction Broach Street ...	B
32	Frere Road junction Masjid Siding ...	B
33	Frere Road junction Baroda Street ...	C
34	Bhuleshwar junction 3rd Bhoiwada ...	C
35	Queen's Road junction Thakurdwar ...	C
36	1st Dhobitalao ...	C
37	Janjikar Street ...	C
38	Mumbadevi Road ...	C
39	Trimbak Parashram junction Grant Road ...	C
40	Erskine Road near Nulbazar ...	C
41	Sandhurst Road junction near Mutton Street ...	C
42	Sandhurst Road (Round Temple) ...	D
43	Tardeo Tram Terminus	D
44	Hanging Garden Malabar Hill Reservoir (Playing) ...	D
45	Girgaum junction Charney Road ...	D
46	Kennedy Bridge, Girgaum ...	D
47	Gibbs Road (near Garden) ...	D
48	Gowalia Tank and Pedder Road ...	E
49	Victoria Garden Road near Berkley Palace ...	E
50	Babula Tank junction J. J. Hospital ...	E
51	Ghorupdeo Road opposite Kaiser-I-Hind Mills ...	
52	Mastan Tank Road junction Huzria Street ...	E
53	Bellasis Road junction Ripon Road ...	E
54	Jacob Circle ...	E
55	DeLisle Road opposite Kermani Market ...	E
56	Parel Road junction Kalachowki ...	E
57	Reay Road junction Cannaught Road ...	E
58	Ghorupdeo Road junction New Tank Bunder Road...	E
59	Souter Street junction Ripon Road ...	E
60	Mazgaon Road junction Dockyard Road ...	E
61	Dockyard Road near Peddar Market ...	E
62	Katrak Road near Temple ...	F
63	Lakhamsi Napu Road ...	F
64	Khodadad Circle ...	F
65	Wadala Village ...	F
66	Bhoiwada Road ...	F
67	King's Circle Garden ...	F
68	Tripartitet Road junction Parel Tank Road ...	F
69	Bhandarkar Road junction Lakhamsi Napoo Road (Playing Fountain).	F
70	Parel Tank junction Golanji Hill Road ...	F
71	Parel Tank junction Kalachowki ...	F
72	Suparibaug Road opposite Masjid ...	F
73	Dharavi Road and Dharavi Cross Road ...	G
74	Lady Jamshedji Road and Mahim Causeway ...	G
75	Tilak Bridge Garden ...	G
76	Shivaji Park (in the Park) ...	G
77	Clerk Road junction Hornby Vellard ...	G
78	Lady Jamshedji Road opposite Kohinoor Mills ...	G

II.—Cattle Troughs.

Serial No.	Location.	Ward.
1	Pilot Bunder and Colaba Road ...	A
2	Kurla Street opposite House No. 16. ...	B
3	Harvey Road junction Gowalia Tank Road ...	D
4	Arthur Road near Bellasis Bridge ...	D
5	Falkland Road junction Lamington Road ...	D
6	Victoria Road junction Reay Road ...	E
7	Reay Road junction Gunpowder Road ...	E
8	Cannaught Road junction Ghorupdeo Road ...	E
9	Narielwadi off Mount Road ...	E
10	Sion Causeway junction Duncan Causeway ...	F
11	Katrak Road junction Lady Jehangir Road ...	F
12	Vincent Road junction Naigaum Cross Road ...	F
13	Parel Tank Road junction Kalachowki ...	F
14	Portuguese Church junction Lady Jamshedji Road...	G
15	Kashinath Dhuru Road junction Portuguese Church Street	G
16	Worli Road junction Fergusson Road ...	G
17	Arthur Road junction DeLisle Road ...	G

III.—Drinking Fountains with Cattle Troughs.

Serial No.	Location.	Ward.
1	Mahatma Gandhi Road junction Hospital Lane ...	A
2	Carnac Road junction Frere Road ...	A

APPENDIX 'K'—*contd.*

Serial No.	Location.	Ward.
	III.—Drinking Fountains with Cattle Troughs.—contd.	
3	Mint Road junction Frere Road ...	A
4	Palton Road junction Hornby Road ...	A
5	Fort Street junction Mint Road ...	A
6	Elphinstone Circle ...	A
7	Dongri Street junction Chinchbunder Road (Keshaoji Naik).	B
8	Pydhownie junction Kolsa Street ...	B
9	Argyle Road junction Carnac Road ...	B
10	Malet Bunder junction Frere Road ...	B
11	Argyle Road junction Kalyan Street ...	B
12	Girgaum Road junction Dr. Viegas Street ...	C
13	Bhuleshwar Street Kabutarkhana ...	C
14	Kalbadevi Road junction Princess Street ...	C
15	Shaikh Memon Street ...	C
16	Grant Road junction Duncan Road ...	C
17	Cowasji Patel Street junction C. P. Tank ...	C
18	Clerk Road ...	D
19	Grant Road junction Lamington Road ...	D
20	Babulnath Band Stand ...	D
21	Walkeshwar Road ...	D
22	Victoria Garden Road opposite Victoria Gardens ...	E
23	Sion Road junction Road No. 8. ...	F
24	Vincent Road junction Matunga Road ...	F
25	Tilak Road junction Naigaum Road ...	F
26	Poibavdi (Dadar Road junction Elphinstone Road)...	F
27	Parel Tank opposite Birla Mills ...	F
28	Parel Govt. Gate Road junction Chamberbaug ...	F
29	Jijibhai Lane opposite Suparibaug Road ...	F
30	Tokarsi Jivraj Road ...	F
31	Sewri Cross Road near Maruti Temple ...	F
32	Jakaria Bunder Road, Sewri ...	F
33	Gokhale Road junction Bhavanishankar Road ...	G
34	Lady Jamshedji Road junction Mia Mahomed Chhotani Road.	G
35	Cadell Road junction Sayani Road ...	G
36	Fergusson Road near Dawn Mill ...	G
37	Love Grove Road junction Hornby Vellard ...	G
	IV.—Stand Pipes.	
1	Bazargate Street opposite Police Chowky ...	A
2	Dongri Street junction Sandhurst Road ...	B
3	1st Chinchbunder Road opposite House No. 23 ...	B
4	Elphinstone Bridge junction Clive Road ...	B
5	Argyle Road junction Masjid Bridge ...	B
6	Erskine Road near Police Chowky ...	C
7	Harvey Road junction Gowalia Tank ...	D
8	Mugbhat Street ...	D
9	Banganga Street opposite House No. 51 ...	D
10	Banganga Street opposite House No. 91 ...	D
11	Victoria Road junction Reay Road ...	E
12	Connaught Cross Lane junction Reay Road ...	E
13	Parel Tank junction Kalachowky ...	F
14	Sion Koliwada junction Road No. 8 ...	F
15	Sewri Bazar Road (Dhakti Sewree) ...	F
16	Sion-Dharavi Road near Road No. 1 ...	F
17	Sewree-Koliwada near Sewree Bazar ...	F
18	Sewree-Koliwada near Sewree Bazar ...	F
19	Sewri Cross Road ...	F
20	Parel Back Road opposite Veterinary College ...	F
21	Dadar Road junction Naigaum Cross Road ...	F
22	Parel Village near well ...	F
23	Naigaum Road junction Naigaum Cross Road ...	F
24	Parel Tank behind Haffkine Institute ...	F
23	Naigaum Road junction Naigaum Cross Road ...	F
24	Parel Tank behind Haffkine Institute ...	F
25	Wadala Village ...	F
26	Parel Tank Road junction Kalachowky ...	F
27	Portuguese Church junction Lady Jamshedji Road ...	G
28	Kashinath Dhuru junction Portuguese Church ...	G
29	Worli Road junction Fergusson Road ...	G
30 to 48	Worli-Koliwada ...	G
49	Kandewadi near Nariman's Bungalow ...	G
50	Morba's Wadi, Kandewadi Worli ...	G
51	Cadell Road junction near old Parbhadevi ...	G
52	Chowni Gully new Parbhadevi Road ...	G
53	Kashinath Dhuru Road Sea Face ...	G
54	Mahim Fort ...	G
55	Mori Road ...	G
56	Mia Mahomed Chhotani Road Cross Lane ...	G
57	Dharavi Road opposite Masjid ...	G
58	Dharavi Road opposite Masjid ...	G
59 to 61	Dharavi-Koliwada ...	G

APPENDIX 'L' (Paragraph 49).

Municipal Wells.

Serial No.	Location.	Ward.
1	Elphinstone Circle Garden ...	A
2	Cawasji Patel Street opposite House No. 103 ...	A
3	Mint Back Road opposite House No. 46 ...	A
4	Mayo Road in High Court Compound ...	A
5	Cross Maidan opposite Bombay Gymkhana ...	A
6	Cross Maidan opposite Bombay Gymkhana ...	A
7	Cross Maidan North end junction Hospital Lane ...	A
8	Cruickshank Road opposite Municipal Office ...	A
9	Junction of Mayo Road and Churchgate Street ...	A
10	Cruickshank Road opposite Municipal Office ...	A
11	Fort Street junction Mint Road ...	A
12	3rd Marine Street opposite House Nos. 41 and 43...	C
13	Karelwadi opposite House Nos. 41 and 43 ...	C
14	Mazagaon Road (Ganga Bawdi) ...	E
15	Matarpakhadi Oart ...	E
16	Dockyard Road junction Reay Road ...	E
17	Parel Village at South-West corner of Parel Tank ...	F
18	Worli-Koliwada East of Worli Tank (Two Tanks)...	G

APPENDIX 'M' (Paragraph 54).

Short Supply Complaints in the City.

Months	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
January ...	218	150	207	*	140	207	125	160	225	221	138	131	230
February	190	135	145	*	141	156	120	190	170	292	188	135	171
March ...	310	150	152	*	148	280	195	135	485	211	352	232	246
April ...	270	254	225	*	195	351	280	345	750	147	481	280	...
May ...	255	307	301	*	262	342	275	440	420	196	552	276	...
June ...	185	245	*	*	215	150	235	390	332	540	333	304	...
July ...	195	226	*	*	160	93	260	151	345	204	281	196	...
August ...	130	185	*	*	155	105	158	121	240	211	131	232	...
September	135	218	*	*	180	188	195	150	365	108	115	174	...
October ...	165	232	*	*	390	103	212	180	620	220	201	421	...
November	170	195	*	*	362	140	222	180	518	227	332	472	...
December	120	182	*	175	340	142	152	140	360	184	159	268	...
Total ...	2,343	2,479	...	...	2,688	2,257	2,429	2,582	4,830	2,761	3,263	3,121	

* Figures for this period are not available.

APPENDIX "N" (Paragraph 58).

Defects found in Mains and Service Pipes

Month.	No. of diagrams taken.	Total leakage discovered and arrested in gallons per hour.	DEFECTS — Under Ground — Mains — Bursts.	Joints.	Sluice Valves.	Hydrants	Service Pipes.	Stop Taps.	Disconnected service pipes — Ferrule leak.	Pipe leak.	Miscellaneous Holes in Mains, etc.	Above Ground — Bib Taps — Re-washered	Out of order.	Left open.	Service Pipes — Leaking.	Without Tap.	Ball Valves and Tanks — Ball Valves out of order.	Tanks without Ball Valves	Tanks leaking.	Stop Taps leaking.	Meter Coupling Flanges, Holes etc.	Miscellaneous.	Remarks.
1944—																							
April ...	63	211,991	2	9	83	253	134	39	...	...	...	233	160	...	70	7	68	101	90	15	...	...	
May ...	40	169,881	1	4	47	239	127	67	...	5	...	172	154	...	91	15	72	51	74	12	...	...	
June ...	45	217,392	2	2	66	296	153	58	2	...	1	213	303	...	128	25	132	89	99	13	...	...	
July ...	65	192,172	...	5	48	195	76	21	3	...	...	212	175	...	134	19	177	170	94	17	...	...	
August ...	57	263,950	2	16	53	185	164	40	1	...	1	244	207	...	113	16	155	79	154	15	...	...	
September ...	58	305,040	1	11	65	337	209	42	...	...	9	216	218	...	130	26	216	128	91	7	...	...	
October ...	66	218,670	...	5	72	198	174	61	1	2	7	249	213	...	101	13	136	175	84	11	...	...	
November ...	78	343,700	1	5	98	290	170	48	...	...	8	232	178	...	79	26	219	139	111	3	...	...	
December ...	66	233,860	...	9	78	251	105	40	...	...	...	275	210	...	79	23	125	232	72	6	...	...	
1945—																							
January ...	73	258,710	5	4	74	306	152	72	...	...	5	258	203	...	101	31	218	194	116	12	...	...	
February ...	52	307,740	1	11	57	219	175	43	11	1	...	192	181	...	80	24	127	130	160	15	...	...	
March ...	58	259,690	...	11	59	277	157	48	14	2	...	178	268	...	97	36	227	53	167	12	...	...	
Total ...	721	2,48,566	15	92	800	3,046	1,796	579	32	10	31	2,694	2,470	...	1,203	261	1,872	1,541	13,12	138	...	...	
Grand Total ...	721	2,48,566					6,401					2,694					8,797						

APPENDIX 'O'—(Paragraph 61)

Plant and Machinery in the Water Works Maintenance Yard, DeLisle Road.

Serial No.	Description.	Serial No.	Description.
1	1 No.—Hydraulic Testing Machine for testing galvanised and brass fittings.	20	1 No.—'Novo' small portable air compressor unit with spray-painting outfit.
2	3 Nos.—Hydraulic Testing machines for testing C. I. pipes from 3" to 30" diameter and upto 18' in length.	21	1 No.—Portable air compressor plant, capacity 160 c.ft. per minute; working air pressure 100 lbs. per sq. inch.
3	1 No.—Hydraulic Testing machine for testing special catsings.	22	1 No.—Power driven—two stone grinding machines.
4	6 Nos.—4" portable double diaphragm domestic petrol pumping set; capacity 200 G. P. M. each.	23	1 No.—Hydraulic jack complete with truck 1 ton.
5	2 Nos.—6" Fordson's Portable Pumping units; self-pumping, self-propelled, capacity 700 and 1,000 G.P.M.	24	1 No.—Cement gun (with accessories).
6	1 No.—6" Steam pump, vertical cross tube boiler, complete with two testing pumps, accessories, etc., capacity 900 G.P.M.	25	1 No.—Talbot pipe tapping machine.
7	1 No.—Old Fire engine pumping unit.	26	1 No.—Hand tapping machine with equipments.
8	1 No.—Portable Drilling machine hand-driven.	27	1 No.—Lead melting furnace.
9	1 No.—Drilling machine hand and power driven for small articles.	28	4 Nos.—Meter testing C. I. and M. S. tanks—Capacity 100 gallons to 550 gallons.
10	1 No.—Portable electric drilling machine 3/4 H.P.	29	1 No.—10 B.H.P. Electric Motor for machine shop drive (complete with accessories).
11	2 Nos.—7" and 9" Lathes Turner's Power driven.	30	1 No.—Electric blower unit (driven by 2 B.H.P. motor complete with accessories).
12	1 No.—Lathe carpenter's foot driven.	31	3 Nos.—Blower hand units 9" and 16".
13	1 No.—Portable crane 1 ton.	32	2 Nos.—Cement testing machines.
14	1 No.—Shaping Machine.	33	2 Nos.—'Presto' Lawn Mowers 12".
15	1 No.—Portable chlorinating unit capacity one lb. per hour.	34	1 No.—6" Centrifugal Portable pump, capacity 500 G.P.M.
16	2 Nos.—Concrete mixers, capacity 5 c.ft. and 10 c.ft.	35	2 Nos.—Motor Lorries, Leyland $3\frac{1}{2}$ tons.
17	1 No.—Tyre inflator unit 1/2 H.P. (electrically driven)	36	1 No.—Motor truck, Chevrolet, $4\frac{1}{2}$ tons with trailer.
18	1 No.—'Liner' Portable Roller Pan Mixer Unit.	37	1 No.—Motor lorry, Ford $3\frac{1}{2}$ ton.
19	2 Nos.—Oxy-Acetylene Plant (welding and cutting) and oxy-pet plant complete with generator unit.	38	1 No.—Motor lorry, Commer, $1\frac{1}{2}$ ton.
		39	2 Nos.—Motor lorries, Chevrolet.
		40	2 Nos.—6" Centrifugal Portable pump.

Total No. of Plant and Machinery is 61.

APPENDIX 'P'—(Paragraph 61)

Statement showing the Plant and Machinery, at Reservoir Control Rooms and other places.

Serial No.	Description.	Serial No.	Description.
1	1 No.—Portable Chlorinating Unit, capacity 8 lbs. per hour	6	10 Nos.—Pumping units at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.
2	17 Nos.—Electrically operated Sluice Valves at Malabar Hill Reservoir and Bhandar wada Hill Reservoir.	7	1 No.—Drilling Machine power driven out of commission at Souter Street.
3	11 Nos.—Lawn mowers at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.	8	1 No.—Shearing and punching machine for cutting and punching W.I. plates, etc., out of commission at Souter Srteet
4	5 Nos.—Electrically operated Level Indicating and Recording instruments at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.	9	1 No.—Chlorinating plant at Malabar Hill Reservoir Capacity 6 lbs./Hour.
5	1 No.—Air operated Level Indicating and Recording instrument at Malabar Hill Reservoir.	10	1 No.—Pumping unit at Government Gate Road, Parel 40 B. H. P.

Total No. of Plant and Machinery is 49.

APPENDIX 'Q'—(Paragraph 63)

Bursts in Water Mains

Serial No.	Description.	Date.	Serial No.	Description.	Date.
1	24" main in Frere Road ...	14-4-1944	10	4" main in Clerk Road ...	6-11-1944
2	6" main in Masjid Siding Road ...	14-4-1944	11	4" main in St. George Road ...	6-12-1944
3	3" main in Clerk Road ...	8-5-1944	12	48" Old Tansa in Suparibaug Road ...	1-1-1945
4	3" main in Arthur Road ...	16-6-1944	13	6" main in Clare Road ...	8-1-1945
5	3" main in Arthur Road ...	27-6-1944	14	3" main in Apollo Pier Road ...	13-1-1945
6	3" main in Clive Road ...	26-8-1944	15	6" main in Portuguese Church Street ...	20-1-1945
7	3" main in Suparibaug Road ...	31-8-1944	16	3" main in Sleater Road ...	25-1-1945
8	5" main in Woodhouse Road ...	27-9-1944	17	3" main in Dockyard Road ...	16-2-1945
9	12" main in Apollo Pier ...	12-10-1944			

APPENDIX 'R'—(Paragraph 65)

Structures inside the City.

Serial No.	Description.	Serial No.	Description.
1	7 Office Buildings at (1) Mint Road (including Inspector's quarters); (2) Babula Tank Road (including Asstt. Engineer's (Distribution) quarters; (3) Souter Street (including two Inspectors' quarters); (4) Gowalia Tank Road; (5) Soparibaug Road (including one Inspector's quarters); and (6) and (7) Two Nos. at DeLisle Road (including one Inspector's quarters).	4	Watchmen's quarters on the Slope Garden at Malabar Hill Reservoir (3 Units).
2	7 Sluicemen and Chaviwallas' quarters at (1) Mint Road (4 Units); (2) Babula Tank Road (12 Units); (3) Gowalia Tank Road (12 Units); (4) Souter Street (17 Units) (5) Soparibaug Road (5 Units); (6) DeLisle Road (5 Units) and (7) Futka Tank (3 Units).	5	Workmen's Chawl at DeLisle Road (44 Units).
3	Sluice men, Malies and Park-keepers' quarters at Malabar Hill Reservoir and Bhandar wada Hill Reservoir (15 and 20 units, respectively).	6	Servants quarters at Malabar Hill Reservoir.
		7	Nursery at Malabar Hill Reservoir.
		8	Reservoir Bungalow at Malabar Hill Reservoir.
		9	Tower Bungalow at Malabar Hill Reservoir.
		10	2 Nos.—Staff quarters opposite Control Room at Malabar Hill Reservoir.
		11	Inspector's quarters at DeLisle Road.
		12	Workshop at DeLisle Road (5 structures).
		13	Two Control Rooms at Bhandarwada Hill Reservoir.
		14	Two Sluice Houses at Bhoiwada and Sion.
		15	Pumping House at Government Gate Road.
		16	One Control Room at Malabar Hill Reservoir.

APPENDIX 'S'—(Paragraph 65)

Structures repaired and/or painted

Serial No.	Description.	Seaial No.	Description.
1	Bhandarwada Hill Reservoir New Control Room, new parapet wall and flooring provided.	11	Malabar Hill Reservoir Deputy Municipal Commissioner' quarters—Provision of shelves, colour washing, oil painting rooms.
2	Bhandarwada Hill Reservoir Attendants' quarters roof over bath-room repaired.	12	Malabar Hill Reservoir Control Room, Lime washed, etc.
3	Bhandarwada Hill Reservoir Mali's quarters—Lime washed and painted.	13	Malabar Hill Reservoir Tower Bungalow—Cleaned and touched up.
4	DeLisle Road Labour Chawl—Lime washed.	14	Mint Road Office—Repairs to Water Closet.
5	Sankli Street Labour Chawl—Lime washed.	15	Babula Tank Assistant Engineer, Distribution's quarters—lime washed.
6	Souter Street Chaviwallas quarters—providing weather shades.	16	Babula Tank Inspector 'C' Quarters—Repaired and lime washed.
7	DeLisle Road Maintenance Office—Glass panes fixed and wood work repaired.	17	Sion Sluice House—Repairs to flooring.
8	Gowalia Tank Office—Lime washed.	18	DeLisle Road, G Ward, Inspector's quarters—Repairs to Wood work.
8	Gowalia Tank Labour quarters—Lime washed.		
9	Malabar Hill Reservoir Mali's quarters—Lime washed.	19	Souter Street Inspector's quarters—Repairs to water closet flooring.
10	Malabar Hill Reservoir Hydraulic Engineer's quarters painted.	20	Bhandarwada Hill Reservoir Control Room—Win d ws etc. repaired.

APPENDIX 'T'—(Paragraph 67)

Performance of Motor-Lorries in charge of Water Works Daparlment.

Serial No.	Description of Motor Lorry.	Registration No.	Loading capacity in Tons.	Mileage covered during the year.	Average Petrol consumption Miles/ Gallon.
1	Leyland 1922 Model ...	BMT 4153	5.6	5,757	5.4
2	Leyland 1922 Model ...	BMT 4154	5.6	4,818	5.4
3	Ford Truck 1939 Model ...	BYX 198	3.9	10,944	8.7
4	Chevrolet Trailer Truck 1938 Model ...	BMT 5239	3.8	10,019	9.4
5	Commer Lorry 1934 Model ...	BMT 4155	1.0	2,360	11.0
	Total ...			33,898	

APPENDIX 'U'—(Paragraph 68)

List of Articles tested

Names of Articles.	Outside parties works.	Municipal works.	Total.	Names of Articles.	Outside parties works.	Municipal works.	Total.
Bib cocks gunmetal, push, pillar cocks	275	1,462	1,737	Pipes C.I. ...	619	85	704
Stop cocks and wheel valves ...	171	559	730	Special castings ...	289	3,314	3,603
Ball cocks ...	18	1,672	1,690	Hydrants S.P. ...	*Nil.*	130	130
Ferrules	18	1,595	1,613	Do. N.P. ...	18	20	38
Pipes galvanised	4,018	2,049	6,067	Do. O.P. ...	9	*Nil.*	9
Fittings	12,487	8,970	21,457	Water-closet cisterns with and without ball valves	480	54	534
				Total ...	17,402	19,910	37,312

APPENDIX 'V'—(Paragraph 73)

Major works carried out by the Maintenance Branch

Description.	Budget Head.	Expenditure during the year.	Remarks.
		Rs.	
(1) Cleaning service Reservoirs ...	II Water Works B.—Repairs and Maintenance I.—Ordinary (1) Materials for General Works and Repairs in Bombay.	1,500	
(2) Guniting the Control Room and surrounding structure at Malabar Hill Reservoir.	II.—Water Works Capital Works, Loan Funds.	3,676	
(3) Providing strainers and Dirt Boxes for removal of shells in service pipes in F Ward.	II.—Water Works, B.—Repairs and Maintenance, II.—Extra-ordinary.	3,540	
(4) Elevated tank at Bhandarwada Hill Reservoir Provision of lightening conductors.	II.—Water Works, New Works.	1,200	
(5) Providing indicating boards for underground fire hydrants in the City.	Do.	1,726	
(6) Re-conditioning labour Chawl at DeLisle Road.	II.—Water Works, B.—Repairs and Maintenance, II.—Extra-ordinary.	3,257	
(7) Providing two 24" sluice valves on 24" Tulsi main at Elphinstone Road and Dadar Station.	II.—Water Works, New Works.	4,131	
	Total ...	19,030	

APPENDIX 'W'—(Paragraph 75)

Repair works carried out due to the damage done to Water Works Inside City on account of the explosions in the docks (14th April, 1944.)

Serial No.	Description.	Amount spent.	Serial No.	Description.	Amount spent.
		Rs.			Rs.
1	Repairs to control room and staff quarters at Bhandarwada Hill Reservoir ...	520	5	Reppairs to 6" main burst in Masjid siding pressure gauge boxes, hydrants, water connections, water meters, etc. ...	5,176
2	Repairs to fountains and cattle troughs ...	100	6	Restoring house connections ...	2,000
3	Repairs to clock and tower of Keshavji Naik Fountain ...	100	7	Loss of Alarm clock and electric torch of Pitometer Branch ...	25
4	Repairs to 24" main burst in Frere Road ...	1,500		Total ...	9,421

APPENDIX 'X'—(Paragraph 76.)

Water Mains Laid (Loan Works).

Serial Nos.	Particulars.	Ward	Work done.	Expenditure booked during 1943-44.
	I.—Pipe Laying Works.			
	(5″)			
1	Extending the 5″ water main in Falkland Road Low Level (North) to meet 9″ main in Sleater Road.	D	5″ main ... 160 Ft.	
2	Enlarging and extending 4″ main in Belvedre Road, Mazagaon, to 5″.	B	5″ main ... 207 Ft.	
			3″ main ... 31 Ft.	
			S. P. Hydrants ... 2 Nos.	
			House connections ... 11 Nos.	
			Pressure Recorder Box ... 1 No.	
3	Providing water main in 40 feet Road in Worli Estate Scheme No. 58.	G	5″ main ... 342 Ft.	
			4″ main ... 27 Ft.	
			S. P. Hydrants ... 2 Nos.	
			Pressure Gauge Box ... 1 No.	
4	Providing 5″ main in Dock Yard Road.	E	5″ ma in ... 223 Ft.	
			3″ ma in ... 43 Ft.	
			S. P. Hydrants ... 2 Nos.	
			Houseconnections ... 2 Nos.	
5	Providing a 5″ water main in Reay Road between Gunpowder Road and Dockyard Road and in two bye-lanes.	E	5″ main ... 523 Ft.	
			3″ main ... 4 Ft.	
			S. P. Hydrants ... 2 Nos.	
			House connections ... 4 Nos.	
6	Laying a water main in Kamathipura 12th Lane ...	D	5″ main ... 208 Ft.	
			3″ main ... 19 Ft.	
			S. P. Hydrants ... 2 Nos.	
7	Improving the water supply in Stable street, Kamathipura.	E	5″ main ... 315 Ft.	
			3″ main ... 2 Ft.	
			S. P. Hydrants ... 1 No.	
			House connections ... 8 Nos.	
			Pressure Recorder Box ... 1 No.	
	(6″)			
8	Providing new water mains in Mahim Districts ... (Road marked "G G1")	G	6″ main ... 428 Ft.	
			5″ main ... 19 Ft.	
			3″ main ... 5 Ft.	
			S. P. Hydrants ... 2 Nos.	
			N. P. Hydrants ... 1 No.	
			6″×5″ connection ... 1 No.	
			Service connections ... 11 Nos.	
	(Road marked "G1.H1.")		6″ main ... 293 Ft.	
			N. P. Hydrants ... 2 Nos.	
			6″×6″ connection ... 1 No.	
	(Road marked "U1.U2")		6″ main ... 312 Ft.	
			3″ main ... 36 Ft.	
			S. P. Hydrants ... 2 Nos.	
9	Providing water mains in Roads Nos. 1, 2, 8, 27, 27A and 29 Sion Scheme No. 6 Road Nos. 2, 3 4 and 27. (Road No. 27)	F	6″ main ... 530 Ft.	
			3″ main ... 8 Ft.	
			S. P. Hydrants ... 3 Nos.	
			N. P. Hydrants ... 1 No.	
			6″×6″ connections ... 2 Nos.	
			9″×6″ connection ... 1 No.	
	(Road No. 27-A) ...		5″ main ... 345 Ft.	
			S. P. Hydrant ... 1 No.	
10	Laying 6″ main in Worli Sonapur Lane ...	G	6″ main ... 45 ft.	
11	Enlarging the existing 3″ and 4″ mains in Mahim Kapadbazar road from Cadell Road to Mahim Bazar Cross Road to 6″.	G	6″ main ... 246 ft.	
			3″ main ... 7 ft.	
			S. P. Hydrant ... 1 No.	
			House connections ... 23 Nos.	
12	Laying water mains in Sion Scheme No. 6 Road Nos. 3 and 25. (Road No. 25) ...	F	7″ main ... 84 ft.	
			6″ main ... 370 ft.	
			3″ main ... 12 ft.	
			S. P. Hydrants ... 4 Nos.	
			6″×6″ connections ... 2 Nos.	
			9″×6″ connections ... 1 No.	
	(Road No. 5) ...		5″ main ... 352 ft.	
			4″ main ... 25 ft.	
			3″ main ... 14 ft.	
			S. P. Hydrants ... 2 Nos.	
			9″×5″ connections ... 1 No.	
			6″×5″ connections ... 1 No.	
13	Enlarging the existing 3″ and 4″ water mains in King's Lane Lane and 4″ main in Gola and Jivanji Lane ...	A	6″ main ... 177 ft.	
			3″ main ... 10 ft.	
			S. P. hydrant ... 1 No.	
			House connections ... 21 Nos.	
14	Enlarging and extending the 4″ main in Curry Road Low level.	G	6″ main ... 500 ft.	
			3″ main ... 18 ft.	
			S. P. Hydrantss ... 2 Nos.	
15	Enlarging the 3″ main in Tadwadi to 6″ and extending the same.	C	6″ main ... 108 ft.	
			House connections ... 12 Nos.	
16	Enlarging and extending the 3″ main in Ghogha Street to 4″ main in Parsi Bazar Street and enlarging the 3″ main in Store Lane.	A	6″ main ... 187 ft.	
			3″ main ... 52 ft.	
			3″ main ... 9 ft.	
			S. P. hydrant ... 1 No.	
17	Enlarging and extending the 3″ main in Chamber Lane off Parel Road.	E	6″ main ... 556 ft.	
			3″ main ... 43 ft.	
			S. P. hydrants ... 4 Nos.	
			House connections ... 17 Nos.	
			Pressure Gauge Box ... 1 No.	
			9″×6″ connection ... 1 No.	
			14″×6″ connection ... 1 No.	
18	Enlarging and extending the 4″ main in Ulster Street.	E	6″ main ... 134 ft.	
			3″ main ... 2 ft.	
			S. P. hydrant ... 1 No.	
			House connections ... 3 Nos.	
			Pressure Gauge Box ... 1 No.	

APPENDIX 'X'—(Paragraph 76) *Contd.*

Serial Nos.	Particulars.	Ward	Work done.	Expenditure booked during 1944-45.
19	Providing a water main in Pan Gully ...	D	6" main ... 270 ft. 3" main ... 9 ft. S. P. hydrant ... 1 No. House connections ... 6 Nos. 6"×6" connection ... 1 No.	
20	Laying a 6" water main in King Edward Road between Dadar Road and Hospital Avenue.	F	6" main ... 462 ft. 3" main ... 9 ft. S. P. hydrants ... 3 Nos. House connections ... 5 Nos. 9"×6" connections ... 1 No.	
21	Enlarging the 4" main in Peerkhan 3rd Lane ...	E	6" main ... 127 ft. 3" main ... 19 ft. S. P. hydrant ... 1 No. House connections ... 8 Nos.	
22	Laying a water main in Bhai Jiwanji Lane ...	C	6" main ... 165 ft. S. P. hydrants ... 2 Nos. House connections ... 17 Nos.	
23	Enlarging and extending the existing 3" main in Sindhi Lane to 6" ...	C	6" main ... 55 ft. 3" main ... 13 ft. S. P. hydrant ... 1 No. 6"×6" connection ... 1 No.	
24	Laying a 6" main in Shankar Bari Lane ...	C	6" main ... 302 ft. 3" main ... 7 ft. S. P. hydrants ... 2 Nos.	
25	Providing 6" water main in Nardulla Tank Road ...	G	6" main ... 469 ft. 3" main ... 6 ft. S. P. hydrants ... 3 Nos. Service connections ... 5 Nos.	
26	Laying a 6" water main in the proposed 30 feet road off Haines Road.	G	6" main ... 240 ft. 3" main ... 20 ft. S. P. hydrants ... 1 No. 24"×6" connection ... 1 No.	
27	Enlarging the 4" main in Mangesh Senoy Street off Hornby Road.	A	6" main ... 133 ft. S. P. hydrant ... 1 No. House connections ... 8 Nos.	
28	Providing water mains in Roads Nos. 8, 8-A, and 9 Naigaum Scheme No. 60.	F	6" main ... 523 ft. 5" main ... 336 ft. S. P. hydrants ... 2 Nos. Service connections ... 8 Nos.	
29	Laying a 6" water main in Road No. 56 Dadar Matunga ...	F	6" main ... 116 ft. 3" main ... 3 ft. S. P. hydrant ... 1 No. House connectio ... 1 No. Pressure Gauge Box ... 1 No. 6"×6" connection ... 1 No.	
30	Laying water main in New Bengalpura Street ...	B	6" main ... 11 ft. Pressure gauge box ... 1 No. 6"×6" connection ... 1 No.	
31	Enlarging and extending the water main in Mustan Tank Road.	E	6" main ... 452 ft. 3" main ... 24 ft. S. P. hydrants ... 2 Nos. House connections ... 2 Nos. 6"×5" connection ... 1 No.	
32	Providing a 6" main in Wallace Street ...	A	6" main ... 124 ft. 3" main ... 9 ft. S. P. Hydrants ... 1 No. 15"×6" connection ... 1 No.	
33	Laying 6" water mains in Road No. 11A and 18 (part) and replacing the existing 4" mains in Road Nos. 11, 17 and 18 (part) in Dadar-Matunga Estate Scheme No. 5.	F	*Road No. 18.* 6" main ... 424 ft. 3" main ... 48 ft. 6"×6" connection ... 2 Nos. S. P. Hydrants ... 3 Nos. *Road No. 11-A.* 6" main ... 28 ft. *Road No. 18 (part)* 6" main ... 14 ft. *Road No. 11.* 6" main ... 411 ft. 3" main ... 58 ft. S. P. Hydrants ... 3 Nos. 9"×6" connections ... 1 No. 6"×6" connection ... 1 No. *Road No. 17:—* 6" amin ... 177 ft. 3" main ... 3 ft. S. P. hydrant ... 1 No.	
34	Removing the 5" existing main in Sleater Road and replacing it by a 6" water main in the western footpath thereat.	D	6" main ... 797 ft. 9" main ... 9 ft. S. P. hydrant ... 3 Nos. House connections ... 27 Nos. S. P. hydrants, removed ... 1 No. 27"×12" connection ... 1 No. 9"×6" connection ... 1 No.	

APPENDIX 'X'—(Paragraph 76.)—*Contd.*

Serial Nos.	Particulars.	Ward	Work done.	Expenditure booked during 1944-45.
35	Enlarging the existing 3" and 4" water mains in Islampura Street to 6".	D	6" main ... 269 ft. 3" main ... 20 ft. S. P. hydrants ... 2 Nos. House connections ... 28 Nos. 6"×6" connection ... 1 No.	
36	Laying a 6" water main in 40 feet road off Cadell Road and in 40 feet road to Kashinath Dhuru Road.	G	6" main ... 583 ft. 3" main ... 54 ft. S. P. Hydrants ... 3 Nos.	
37	Enlarging and extending the 3" water main in Princess Street to 6".	C	6" main ... 290 ft. 3" main ... 7 ft. S. P. Hydrant ... 1 No. 18"×6" connection ... 1 No.	
38	Providing water main in 40 feet road off Saboo Siddiq Road	A	Pressure Gauge Box ... 1 No.	
39	Extension of the mains at Worli Sea Face Road and the 60 feet road parallel to it upto Love Grove Road.	G	6" main ... 630 ft.	
	(9")			
40	Laying 9" main in the extension of Worli Sea Face Road and 50 feet Road parallel to it. Worli Scheme No. 58.	G	*50 feet Road.* 9" main ... 512 ft. *160 feet Road.* 9" mai ... 60 ft.	
41	Providing water mains with hydrants etc., in the layout of Roads in Scheme No. 57 Sewri Wadala.	F	*Road No. 14-A.* 9" main ... 640 ft. 3" main ... 70 ft. 24"×9" ... 1 No. *Road No. 7.* 9" main 1,127 ft. 6" main 57 ft. 3" mai 112 ft. New Pattern Hydrant ... 1 No. 24"×9" connection ... 1 No.	
42	Providing an additional 9" water main in Bhawanihsankar Road.	G	9" main ... 472 ft. S. P. hydrant ... 1 No. House connection ... 6 Nos.	
43	Enlarging the 5" and 3" water mains in Lamington Road, enlarging the 3" mains in Topiwalla Lane and Tara Temple Lane.	D	9" main ... 98 ft. 5" main ... 23 ft. Pressure Gauge Box ... 1 No. 9"×5" connection ... 1 No.	
44	Enlarging the 5" main in Zoaba's Oart.	C	9" main ... 200 ft. 3" main ... 6 ft. S. P. hydrant ... 1 No. House connections. ... 10 Nos.	
45	Providing a 9" water main in Foreshore Road, Back Bay Reclamation Area.	A	9" main ... 974 ft. 3" main ... 27 ft. S. P. hydrants ... 11 Nos. Pressure Gauge Boxes ... 2 Nos. 9"×5" connection ... 2 Nos.	
46	Enlarging the 4" water main in Narayan Dhuru Street to 9"	B	9" main ... 324 ft. 3" main ... 65 ft. S. P. hydrants ... 6 Nos. House connections ... 18 Nos. 9"×9" connection ... 1 No.	
47	Enlarging the existing 4" main in Cruickshank Road to 9".	A	9" main ... 410 ft. 3" main ... 11 ft. S. P. hydrant ... 2 Nos.	
48	Enlarging the existing 4" main in Abdul Rehman Street	B	9" main ... 446 ft. House connections ... 19 ft. 9"×9" connection ... 1 No.	
49	Replacing the existing 5" main in Israel Mohalla by 9" main and providing a 5" main in Israel Mohalla Cross Lane ...	B	9" main ... 174 ft. 3" main ... 15 ft. House connections ... 14 Nos. S. P. hydrants ... 2 Nos.	
50	Improving the water supply in localities in B Ward Laying water mains in Musjid Bunder Road, Sandhurst Road, etc. Enlarging the existing 4" main in Pydhoni Road to 9".	B	9" main ... 307 ft. 3" main ... 9 ft. S. P. Hydrant ... 1 No.	
	(12")			
51	Providing a 12" water main in Vithalbhai Patel Road to Cawasji Patel Tank Raod.	D	12" main ... 608 ft. 6" main ... 16 ft. 5" main ... 74 ft. 3" main ... 29 ft. S. P. Hydrant ... 1 No. Pressure Gauge Box ... 1 No. Connection made between 12" main and 5" and 6" existing mains House connections ... 3 Nos.	
52	Providing a 12" water main along the western slope of Malabar Hill from Malabar Hill to Nepean Sea Road.	D	12" main ...1299 ft. 3" main ... 18 ft. Pressure Gauge Box ... 1 ft. S. P. hydrants ... 7 Nos. Air Valve ... 1 No. 12"×9" connection ... 1 No. 12"×6" connection ... 1 No.	
53	Enlarging the existing 6" main in Girgaum Road to 12" from Thakurdwar road to Charni Road.	D	12" main ... 1,494 ft. 3" main ... 58 ft. S. P. hydrants ... 4 Nos. House connections ... 76 Nos.	

APPENDIX 'X'—(Paragraph 76.)—*Contd.*

Serial Nos.	Particulars.	Ward	Work done.	Expenditure booked during 1944-45.
	(18")			Rs.
54	Extending the 18" main in King Edward Road from Haffkine Institute upto Junction of Sewri New Road.	F	18" main ... 111 ft.	
55	Laying 18" main in first Marine Street ...	A	*Nil.*	
	(24")			
56	Laying a 24" main in Worli Road in continuation of 24" main in Haines Road.	G	24" main ... 96 ft. Pressure Gauge Box ... 1 No.	
	(36")			
57	Providing additional inlets and outlets at Malabar Hill Reservoir.		36" main ... 204 ft. 24" main ... 62 ft. 32"×24" connection ... 1 No. 24"×32" sluice valve used each ... 1 No. 32" Block bar pipe replaced by C. I. pipes ... 36 ft. 32" non-return valve fixed at Nana's Chowk ... 1 No. Pressure gauge cons. made ... 4 Nos. 3" main ... 20 ft. S. P. hydrants ... 13 Nos.	
	II.—Other Works.			
58	Conversion gradually of an adequate number of underground hydrants out of the existing 4849 underground hydrants into stand post hydrants to prevent pollution of the water supply.		*Nil.*	
59	Providing additional hydrants on 24" Tulsi main from Mori Road to Haines Road.	G		
60	Treating further portion of 57" steel mains in Sleater road from Nana's chowk to Falkland Road with reinforced gunite.	D	57" mian ... 530 R.ft. (both East and West mains).	
61	Providing hydrants in roads where there are no hydrants or where additional hydrants are necessary.	D	3" main ... 157 ft. S. P. hydrants ... 7 Nos. 5"×3" connection ... 1 No. 12" scour valves ... 3 Nos.	
62	Measures for preventing frequent bursts on Trunk mains inside the City.	F	12" main ... 27 ft. 24" main ... 16 ft. 18" main ... 9 ft. 24" and 18" cross connections made between 48" New and Old Tansa Mains 48" sluice valve provided on Old Tansa Main.	
63	Providing Cross connection for improving the water supply to E Ward locality.	E	12" main ... 28 ft. 6" main ... 20 ft. 12" cross connection between 36" main and 12" main in Dock Yard Road and 15" main in Victoria Road. 6" cross connection between 36" main and 6" mains in Haines Road and DeLisle Road. 9" Cast Iron sluice valves ... 2 Nos.	
64	Providing a conditional hydrants and sluice valves o the existing water mains in certain Roads of the Dadar Matunga Estate, Scheme Nos. 5 and 6.	G	3" main ... 136 ft. S. P. hydrants ... 12 Nos.	
65	Transferring and providing stand-post hydrants on Parel Government Gate Road and Hospital Avenue Road Extension.	F		
66	Reconstructing the two portions of Trolley Track along 48" Vehar main.	out-side City.	Repaired two culverts.	219
67	Gunite and cementation work of the dam and the provision of a trolley track along its toe at Tansa.	"	Reinforced Gunite... 37,000 sft. done; whole of foundation and part of the superstructure of bridge No. 6 completed.	67,058
68	Repairing and extending the trolley track in various syphons of the duct line outside City.	"	Minor repairs ...	111
69	Providing concrete Blocks under steel mains outside City.	"	Blocks under 72" twin mains ... 66 Nos. Block under 57" twin main ... 41 Nos. Rubble stone pitching 5,240 sq. ft. Cement grouting 8,994 sq. ft. Earth filling 100,000 C.ft. Culvert reconstructed ... 1 No.	50,269
70	Purchase of New Meters ...		1½" 20 Nos. 2" 20 Nos. 3" 10 Nos. 4" 5 Nos. 6" 6 Nos.	36,670
71	Providing 24" cross connections between Tansa mains outside City.	Out-side City.	Cross connection on the down-stream side of Sion Sluice House between 48" Old and and New Tansa Mains and 32" Vehar main completed— 48"×24" Saddle pieces ... 2 Nos. 32"×24" Branch ... 1 No. 24" pipeline work including bends, etc. ... 30 ft.	20,942
72	Strengthening the spans Nos. 6 and 7 of the Old Kasheli Bridges with incidental works.	"	Bracings provided. 200 R.ft. of planking over the 200 feet span. No. of saddle pieces ... 2 Nos. Cross connection o the dow - stream side of Kapurbaodi Anchor block betwee 48" and 50" Old and New Ta isa and 72" East and West Tansa mains completed. 24" pipeline work done ... 60 ft.	12,383
			Total ...	1,87,652
			Carried forward...	

APPENDIX 'X'—(Paragraph 76.)—*Contd.*

Serial Nos.	Particulars.	Ward	Work done.	Expenditure booked during 1944-45
	Brought over ...			Rs.
73	Cleaning of Vehar Lake ...	Outside City.	Cement concrete and rubble masonry in the channel 3,000 C.ft.	2,146
74	Removing embedded portions of mains over existing piers of the Sweing bridge ...	"	Old swing bridge dismantled. Rubble masonry 6,000 C.ft. R.C.C. saddles ... 200 C.ft. 50" steel pipes collected ... 112 ft. 48" Cast Iron pipes ... 276 ft. 32" Cast Iron pipes ... 132 ft.	19,154
75	Acquisition of Khardi Village ...	"	No progress was made during the year mainly due to difficulty of securing adequate water supply to the new site.	
76	Widening and raising embarkment at Bandra Creek ...	"	Special castings, sluice valves, timber for snoring sleepers for trolley line, etc. purchased ...	25,000
77	Extending the existing Anchor Blocks Outside City ...	"	Work at Powai and Bhandup Blocks completed. R.C.C. Walling ... 600 sq. ft. 1 : 3 : 6 concrete 4,000 C.ft. Earth filling 18,000 C.ft. Rubble packing 2,500 C.ft.	6,296
	III.—Works carried out on behalf of other Bodies.			
78	Improving water supply to H.M.I. Dockyard ...	A	6" main ... 141 ft. 12" main ... 18 ft.	
79	Providing hydrants for watering Road side hedges at Cruickshank Road.	A	4" and 3" mains ... 239 ft. S. P. hydrants ... 3 Nos.	
80	Providing 6" water main for housing accommodation at Arthur Road.	G	6" main ...2,038 ft. 3" main ... 160 ft. S. P. hydrants ... 9 Nos. N. P. hydrants ... 1 No. 6"×6" connection ... 1 No.	
81	Laying 3" water main in Bandra Slaughter House ...	Outside City.	3" main ... 635 ft. 1½" Galvanized pipe line laid ... 236 ft. 1¼" Do. laid ... 95 ft. House connections ... 10 Nos.	
			Total ...	2,40,248

APPENDIX 'Y' (PARAGRAPH 77.)

NEW WORKS.

Serial Nos.	Particulars.	Amount booked during the year 1944-45.	Remarks.
		Rs.	
1	Providing Air Valves on the two 72" Tansa mains and 48" Vehar mains.	...	Order placed for 4 Nos. of Anti Vacuum type air valves for Rs. 14,478.
2	Elevated tank at Bhandarwada Hill Reservoir—Providing Lightning conductor.	...	Work in progress.
3	Purchase of city survey sheets	...	32 Sheets have been purchased and mounted.
4	Providing two seated water closet arrangement with septic tank at Ghatkopar cross connection.	2,500	Work completed to the extent of the funds available.
5	Providing water closet and urinals at Powai and Kapurbaodi Outside City.	2,500	Do. do. do.
6	Providing indicating boards and under groud Fire Hydrants in the City.	...	Work in progress.

APPENDIX 'Z' (PARAGRAPH 78.)

Extra-ordinary Works

Description.	Budget Head.	Expenditure during the year.	Remarks.
		Rs.	
(1) Shifting Drinking Fountain at Chinch Bunder Road opposite Sandhurst Road Railway Station.	II.—Water Works; B.—Repairs and Maintenance; II.—Extra-Ordinary.		Work is in progress.
(2) Replacing the damaged Cast Iron Drinking Fountain at Apollo Bunder Road.	Do. do.		Do. do.
(3) Diverting the 15" main under B. B. & C. I. Railway Track along Carrol Road.	Do. do.		Do. do.
(4) Providing Kerb-stones at Joseph Baptista Gardens at Bhandarwada Hill Reservoir.	Do. do.		Work completed to the extent of funds provided.

APPENDIX 'A' 1 (PARAGRAPH 111).

Materials, plant etc. received during the year

Serial No.	Name of the Article.	Number received.
1	Sluice valves of sizes 27" and 30"	Three.
2	'Buda' Light motor trolleys, 7.7 B.H.P.	Two.

APPENDIX 'A' 2 (PARAGRAPH 115.)

CLOTHING.

Designation.	Khaki Uniform (Every 2 year).	White Uniform (every years).	Cumblies.	Water-proof. Coats. (Every 4 years.)	Woollen Coats. (Every 4 years.)	Umbrellas. (Every 2 years).	Remarks.
SubOverseers	48	...	...	13	...	...	
Motor and Trolley Drivers, Engine Drivers.	11	...	...	1 Engine driver.	...	...	
Gauge Repairer	2	...	...	1	...	...	
Store Clerk	...	...	...	1	...	...	
Mechanics	...	...	...	3	...	...	
Cleaners	19	...	...	...	...	...	
Chaviwallas	21	...	...	...	...	...	
Sluicemen	33	...	...	...	...	2	
Park-Keeper	6	...	...	...	...	8	
Watchman	28	...	...	...	...	1	
Muccadams	7	...	...	...	2	...	
Head Mali	2	...	...	...	...	...	
Linemen	42	...	...	...	...	1	
Ramoshi	3	...	...	...	...	...	
Halalkhore	1	...	...	...	...	2	
Messengers	2	...	...	...	...	...	
Pump-Attendant	1	1	...	...	...	...	
Havaldar	...	...	...	...	...	27	
Office Peons	...	...	...	...	...	2	
Despatch Peons	...	...	...	18	...	...	
Mistries	...	...	551	...	...	...	
Labour Staff (Permanent) ...	...	...	...	...	...	...	
Labour Staff (Temporary) ...	...	...	...	...	...	...	
Meterman	...	...					
Total ...	226	1	551	37	2	43	

APPENDIX 'A' 3 (Paragraph 112).

STAFF

HYDRAULIC ENGINEER.

- Senior Asstt. Engineer. (1st Grade).
  - A. E. Maintenance. (2nd Grade). *Permanent.*
    - *Permanent.*
      - 6 Inspectors.
      - 1 Inspector (Elec.)
      - 9 Sub-Overseers.
      - 2 Gauge Repairers.
      - 3 Clerks.
    - *Temporary.*
      - 2 Inspectors.
      - 4 Sub-Overseers.
      - 1 Store Clerk.
      - 1 T. A.
  - A. E. Construction. (2nd Grade). *Temporary.*
    - *Temporary.*
      - 2 Inspectors.
      - 1 Inspector (Guniting) (Sleater Road)
      - 3 Sub-Overseers.
  - A. E. Bye-Laws (2nd Grade). *Temporary.*
    - *Temporary.*
      - 1 Sub-Overseer.
      - 1 Stenographer.
  - A. E. Survey (3rd Grade). *Permanent.*
    - *Permanent.*
      - 1 Surveyor.
      - 1 Estimator.
      - 2 Draughtsmen.
      - 3 Tracers.
    - *Temporary.*
      - 1 Inspector (W.M.S.)
      - 2 S.O.S. (W.M.S.).
      - 1 Asstt. Estimator.
      - 2 Draughtsmen.
  - A. E. Distribution. (2nd Grade). *Permanent.*
    - *Permanent.* A. E. Waste Prevention. (3rd Grade).
      - *Permanent.*
        - 5 Inspectors.
        - 7 Sub-Overseers.
    - 7 Inspectors.
    - 24 Sub-Overseers.
    - 3 T. A. S.
    - *Permanent.* A. E. Meters. (3rd Grade).
      - *Permanent.*
        - 3 Inspectors.
        - 4 Sub-Overseers.
        - 2 Sub-Overseer (Temp.).
  - A. E. Outside City. (3rd Grade). *Permanent.*
    - *Permanent.*
      - 5 Inspectors.
      - 7 Sub-Overseers
      - 1 Clerk.
      - 6 T. A. S.
    - *Temporary.*
      - 1 Inspector (L.W.).
      - 1 Inspector (M.M.).
      - 2 Sub-Overseers.
  - CHIEF CLERK. (*Permanent*).
    - H. C. (Exp.) *Permanent.*
      - 5 Clerks (Perm.).
      - 2 Clerks. (Temp.).
    - H. C. (Rev.) *Permanent.*
      - 6 Clerks (Perm.).
      - 2 Clerks (Temp.).
    - H. C. (Meters). *Permanent.*
      - 2 Clerks. (Perm.).
    - H. C. (Corres.) *Permanent.*
      - 2 Clerks (Perm.).
    - (H. C. Record). *Temporary.*
      - 8 Clerks (Perm.).
      - 5 Clerks (Temp.).
    - Typist Section.
      - 1 Junior Stenographer (Perm.).
      - 4 Clerks Typist (Perm)
    - 1 T. A. (Perm.).

BOMBAY FIRE BRIGADE.

Subject: *Administration report for the year 1944-45.*

Calls.—The total calls were 895 as against 779 in the previous year, out of which 830 were received for 580 actual fires, 218 were false alarms and 32 represented Special Services. In addition 14 calls for fires outside the City limits were received. In some cases more than one call was received for one fire. The number of actual fires increased by 107 over the previous year. Of the 218 false alarms, 31 were malicious (30 by fire alarms, and 1 by telephone), 26 were given with good intent and 161 were caused by electrical defects, etc.

Fire Loss.—The estimated total loss was Rs. 51,86,682 which shows an increase of Rs. 15,11,676 over the previous year and Rs. 13,95,397 over the average of the last three years. The increase of fire loss during the year could be chiefly attributed to a serious fire which occurred on 10th June 1944 at Kalachowki Road in an old Cotton Mill Estate (used as silk mill, factories and godowns), where huge stocks of Military Canteen Stores were involved and the loss on this account alone was Rs. 25,25,000. The loss to properties to the extent of Rs. 39,57,349 was covered by insurance and the total value of the properties involved was approximately Rs. 8,75,72,486.

Water Supply.—The supply of water throughout the year for extinguishing fires was satisfactory and the staff of the Water Department responded to all calls promptly. The approximate quantity of water used at fires was 71,69,190 gallons out of which 57,72,535 gallons were drawn from Municipal mains and the remaining from Sea, Tanks and wells.

Lives Lost.—Six persons were burned to death, five persons were fatally injured and fifty-one persons sustained minor injuries from which they recovered. First Aid was rendered by the Brigade to injured persons on 60 occasions. (*Note.*—The foregoing figures do not include losses, etc., on account of the fires, caused by the explosions in docks on 14th April 1944, reported under the heading 'General').

Fire Alarms.—The total number of Fire Alarm posts in the City connected to the different Fire Stations was 202 (including private alarms) and over 53per cent. of the total calls were received through this system. Three persons were arrested for malicious interference with fire alarms, and in one case, the accused was found guilty by the Presidency Magistrate, Esplanade Court and sentenced to 14 days rigorous imprisonment, in the second case, the accused admitted his guilt, apologised to the Police and was released, and the third case is still pending before the Presidency Magistrate, Girgaum.

Appliances.—New Fire Appliances could not be purchased during the year on account of war conditions.

Fire Stations.—The construction work of the ground floor of Menonwada Fire Station was completed during the year and the old Babula Tank Fire Station was closed down. The personnel and appliances at Babula Tank Fire Station were transferred to different fire stations.

The fire risk in the docks during the year increased abnormally and it was therefore found essential to open four additional fire stations in the dock area, the entire cost being met by the Bombay Port Trust. Proposals for opening three more stations in this area have been submitted to the Bombay Port Trust.

Auxiliary Fire Service.—This service with its personnel and equipment functioned satisfactorily. During the year, on account of the opening of new stations and additional fire prevention duties in the Docks, the need of augmenting the staff and fire appliances in the Bombay Port Trust Fire Service was felt and the Trustees increased the staff from 324 to 720, and trailer pumps and towing vehicles from 24 and 12 to 45 and 32 respectively. They have also provided two fire floats for the Service.

The staff of 279 Officers and other ranks and 29 trailer pumps and 19 towing vehicles maintained since the last year at the cost of Government were continued during the year.

General.—The total distance run by Fire Appliances on the 895 calls was 10,387 miles.

Hydrant inspections were regularly carried out and all defects remedied by the Hydraulic Engineer.

During the year 32 special service calls including 21 regarding fallen buidings were received and attended to.

Theatres and cinemas were inspected on 253 occasions and 2,251 inspections were made in connection with dangerous trades and hazardous goods.

A Trailer Fire Pump Competition Drill could not be arranged during the year on account of pressure of duties and consequently the Municipal Commissioner's Silver Challenge Cup won by the Fort Fire Station in the year 1943 was retained by that station.

During the year fire on a ship carrying dangerous cargo in Victoria Dock caused explosions and serious fires in the City resulting in heavy loss of life and property. 66 officers and other ranks of the Fire Services staff lost their lives, some were disabled for life and a large number of fire appliances and equipment were either destroyed or damaged. It was difficult to assess the damage caused by the catastrophe, but a rough estimate would be about Rs. 15 crores.

Their Excellencies Viscount Wavell, the Viceroy of India and Viscountess Wavell, as well as their Excellencies the Rt. Hon'ble Sir John Colville, the Governor of Bombay and Lady Colville paid visits to the Fire Brigade Headquarters, Byculla and inspected the Fire Services on 24th April 1944. His Excellency, the Viceroy addressed the Fire Services and complimented them on their gallant work and paid tribute to those who lost their lives.

Generous compensation to the dependants of the deceased members of the Fire Services were proposed by the Municipal Commissioner and approved by the Standing Committee, the Corporation and Government. Compensation for the loss of equipment has also been received from Government.

A fund was started by His Worship the Mayor of Bombay to erect a suitable memorial to the memory of the Fire Brigade personnel who lost their lives and the foundation stone was laid by His Worship the Mayor, Mr. Nagindas T. Master on the 28th March 1945 at the Fire Brigade Headquarters, Byculla.

The increased office work necessitated the conversion of one post of clerk to that of Head Clerk and the abnormal increase in the inspection of hazardous goods led to the creation of two temporary posts of Station Officers.

The Grain Stores opened in 1939 for the staff continues to be of great advantage, and is now licensed by Government. Loans of Rs. 5,000 from the Corporation and Rs. 3,000 from Government free of interst, are still being utilised for the maintenance of the Stores.

Ambulance Service.—The calls received by this Service were 1,475 for accidents, 1,636 for maternity cases and 4,227 for hires as against 1,491, 1,640 and 3,123, respectivey, and 8,243 persons were carried as against 6,343 during the last year. The total distance run by ambulances was 55,096 miles and the charges for hire cases amounted to Rs. 21,871 out of which Rs. 21,523 were recovered during the year as against Rs. 11,284 in the previous year. This constitutes a record. First Aid was rendered by the ambulance staff to injured persons on 426 occasions.

N. COOMBS,
Officer Commanding, Fire Services.

Budgeted Strength and Equipment of the Brigade.

Strength.

1 Officer Commanding, Fire Services.
1 Dy. Chief Officer, Fire Brigade.
1 Assistant Officer Commanding, Fire Services.
1 Second Officer.
1 Third Officer.
12* Station Officers.
1 Motor Medhanic.
1 Sub-Officer.
4 Fitters.
27 Motor Drivers.
27 Tindals.
†190 Firemen.
1 Turncock.
1 Carpenter.

Office Staff—1 Head Clerk and 4 Clerks.

Ambulance Staff—6 Motor Drivers and 15 Attendants.

* Including 2 Temporary posts.
† Including 1 Temporary post.

Equipment.

15 Motor Pumps (all fitted with First Aid Appliances) 8 carrying Fire Excapes and 5 Extension Ladders.
1 100 feet all metal Turntable Ladder with Pump.
1 85 feet Motor Turntable Ladder.
1 82 feet Motor Turntable Ladder.
1 Motor Car.
2 Motor Lorry and Tender.
4 50 feet Fire Escapes.
4 60 feet Fire Escapes.
8 Extension Ladders.
12 Hook Ladders.
7 Hose Reels.
11 Smoke Helmets or Breathing Apparatus.
1 Oxy-Acetylene Cutting Plant.
2 Sets of Foam making equipment.
1 Motor Canteen Van.
41,850 feet of Rubber-Lined Hose.
890 feet of unlined Hose.
6 Motor Ambulances.
Chemical Extincteurs and other small appliances.

Appendix I.

BOMBAY FIRE BRIGADE

Statement showing Distribution of Appliances, etc.

No.	Stations.	APPLIANCES, ETC. Motor Pumps.	Trailer Fire Pump.	Motor Turntable Ladders.	Motor Turntable Ladder with Pump.	Motor Car.	Motor Canteen Van.	Motor Lorries & Tenders.	Fire Escapes.	Extension Ladders.	Hook Ladders.	Hose Reels.	Sets of Breathing Apparatus & Gas Masks etc.	Foam making equipment.	Oxy-Acetylene Cutting Plant.	Fire Floats.	Delivery hose in feet.	STAFF. Principal Officers including Officer Commanding, Fire Services.	Motor Mechanic.	Sub-Officer.	Fitters.	Motor Drivers.	Tindals.	Firemen, etc.	Turncocks.	Carpenters.	AMBULANCE SERVICE. Ambulance Cars.	Drivers.	Firemen (Attendants).
1	Headquarters ...	2	...	1	1	1	1	ML 2	1	2	4	1	2	2	1	...	14,050	6	1	1	4	13	12	59	...	1	3	3	9
2	Alexandra Docks ...	2	...	...	...	...	...	...	1	1	...	...	2	...	...	...	4,440	2	...	...	...	2	3	16	...	...	2	2	4
3	Gowalia Tank ...	1	...	...	...	...	...	...	1	...	2	1	1	...	...	...	2,350	1	...	...	...	1	1	12	...	...	...	...	...
4	Sewri Cotton Depot ...	1	...	...	...	...	...	...	1	...	...	1	1	...	...	...	3,000	1	...	...	...	1	1	12	...	...	...	...	...
5	Babula Tank ...											Closed	on	15th	M	ay 1944.			...	...	...	...	...	...	...	...	...	...	...
6	Fort ...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	3,150	1	...	...	...	2	2	16	...	...	...	...	...
7	Colaba ...	1	...	...	...	...	...	...	1	...	...	1	1	...	...	...	1,750	1	...	...	...	1	1	12	...	...	...	...	...
10	Dadar ...	2	...	...	...	...	...	...	1	1	4	1	2	...	...	...	4,650	1	...	...	...	2	2	17	1	...	1	1	2
11*	Memonwada ...	3	...	...	...	...	...	...	1	2	...	1	1	...	...	...	6,350	3	...	...	...	3	3	30	...	...	...	...	...
12	Mandvi ...	2	...	...	...	...	...	...	...	2	2	1	1	...	...	...	3,000	1	...	...	...	2	2	16	...	...	...	...	...
	Total ...	15	...	2	1	1	...	2	8	8	12	7	11	2	1	...	42,740	17	1	1	4	27	27	190	1	1	6	6	15
	Auxiliary Fire Service (Govt.)	...	29	...	...	1	...	18T	...	12	8	...	...	...	...	...	82,674	29	1	29	9	58	...	151	...	2	...	...	...
	Auxiliary Fire Service (B.P.T.)	...	45	...	...	1	...	32T	...	12	...	...	...	28	4	2	97,644	98	...	92	...	97	...	433	...	...	...	—	—

Auxiliary Fire Service Stations.

No. 8 Shivaji Park (A.F.S.)
" 16 Naigaum. (")
" 17 Kalachowki (B.P.T.)
" 18 New Parsee Bazar (B.P.T.)
No. 19 Haines Road (A.F.S. & B.P.T.)
" 20 Arthur Bunder (A.F.S.)
" 21 Quay Street (B.P.T.)
" 22 B.P.T. Workshops (B.P.T.
No. 23 Carnac Bridge (B.P.T.)
" 24 Love Grove (A.F.S. & B.P.T.)
" 25 Timber Ponds (B.P.T.)
" 27 Prince's Dock (")
No. 28 'M' shed Prince's Dock (Fire Float No. 1)(B.P.T.)
" 29 Victoria Dock (B.P.T.)
" 32 Hughes Dry Dock (B.P.T.)

Appendix II.

BOMBAY FIRE BRIGADE

Summary of calls to fires (including False Alarms) showing the number of times appliances of the Fire Brigade attended and were used for extinguishing fires during the Year 1944-45.

No.	Stations.	Number of Fire Alarms Attached.		How called						Appliances attended.						Extinguished by										
		Fire Brigade.	Private.	By Strangers.	By Fire Alarms.	By Exchange Telephone Number.	By Police or Salvage Corps.	By Private Telephone.	Total.	Motor Pump carrying escape or ladder.	Trailer Fire Pump.	Motor Turntable Ladders.	Motor Turntable Ladder with Pump.	Motor Emergency Tender.	A.F.S. Units.	Buckets.	Sand.	Chemical Extincteurs.	Hand Pumps.	First Aid Appliances.	Hydrants.	Motor Pumps.	Foam Generator.	Automatic Sprinkler Heads Actuated.	Smoke Helmets or Breathing Apparatus used.	Foam Blower.
1	Headquarters ...	17	4	20	80	317	2	3	422	209	2	...	120	2	458	37	10	3	4	29	47	146	...	5	...	...
2	Alexandra Docks ...	17	1	20	16	...	...	10	46	79	...	...	...	...	123	9	5	...	...	...	1	28	...	...	...	...
3	Gowalia Tank	27	7	15	74	...	5	...	94	150	...	...	...	...	4	9	6	...	16	11	10	18	...	...	...	...
4	Sewri Cotton Depot...	9	8	16	28	...	...	...	44	74	...	...	...	...	42	...	2	1	...	4	21	39	...	4	...	...
5	Babula Tank ...	...	...	1	7	...	...	...	8	15	...	...	...	...	...	...	...	...	...	2	5	5	...	...	...	...
6	Fort ...	16	6	9	25	...	...	...	34	95	...	47	...	...	...	6	2	...	2	14	7	9	...	...	...	...
7	Colaba ...	8	4	2	4	...	...	...	6	22	...	...	...	...	44	4	1	...	1	1	2	12	...	...	...	...
10	Dadar ...	32	3	3	58	...	...	...	61	130	...	...	...	...	94	8	3	...	2	10	24	88	...	67	...	...
11	Memonwada, ...	28	4	10	128	...	7	...	145	238	...	...	...	...	416	42	10	8	3	23	18	44	...	1	...	...
12	Mandvi ...	11	...	7	28	...	...	...	35	86	...	...	...	...	1	1	1	...	...	6	14	29	...	...	...	...
	Total...	165	37	103	448	317	14	13	895	1,098	2	47	120	2	1182	116	40	12	28	100	149	418	...	77	...	...

N. B.—Figures include calls and attendances of Auxiliary Fire Service.

Appendix III.

BOMBAY FIRE BRIGADE

Monthly summary of fires and annual losses for the period from 1935-1936 to 1944-1945.

Year.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total.	Estimated Loss.
														Rs.
1935-1936 ...	35	37	22	14	8	17	36	22	29	24	27	27	298	8,86,459
1936-1937 ...	18	20	25	21	16	29	95	47	44	43	25	28	411	22,47,645
1937-1938 ...	30	46	27	28	20	20	24	45	23	32	34	17	346	9,98,986
1938-1939 ...	37	34	20	23	17	19	33	42	40	38	33	37	373	8,36,346
1939-1940 ...	29	42	25	20	21	18	20	31	34	28	22	23	313	25,44,167
1940-1941 ...	20	28	16	23	14	17	29	34	27	31	27	26	292	3,51,262
1941-1942 ...	42	31	23	19	21	28	44	44	33	40	43	45	413	49,33 556
1942-1943 ...	44	37	28	21	55	33	53	43	29	41	37	41	462	25,12,167
1943-1944 ...	34	69	27	18	38	18	39	34	53	47	48	48	473	36,75,006
1944-1945 ...	53	51	36	26	29	39	42	56	54	46	55	69	556	51,86,682

APPENDIX IV

BOMBAY FIRE BRIDAGE.

Brief details of the most serious fires of the year 1944-45.

Date.	Time	Place.	Business.	Extinguished by	Damage by Fire, Heat, Smoke and Water.	Estimated Loss.
						Rs.
13th April 1944.	1-39 P.M.	Cotton Depot, 2nd Avenue.	Cotton Merchants ...	Firemen with 8 Motor Pumps.	3,485 bales of pressed cotton in open jethas.	1,75,000
27th April 1944.	1-5 P.M.	Jackeria Bunder Road, Sewree.	Cotton Merchants ...	Firemen with 11 Motor Pumps.	A large quantity of waste cotton, pressed cotton and oily cotton waste and machinery in 3 Galvanized Iron shed buildings and on enclosed ground. (used as cotton press.)	3,35,150
23rd May 1944.	6-9 A.M.	514, Kalbadevi Road ...	Film Distributors and Post Office.	Firemen with 6 Motor Pumps.	A large quantity of cinematograph films and adjoining building consisting of office furniture, bedding, personal effects, etc.,	3,32,902
4th June 1944 ...	12-5 A.M.	293, Bellasis Road ...	Mills-store Agents ...	Firemen with 6 Motor Pumps and one hydrant.	A large quantity of machinery, cloth, leather belts, safety belts, roller skins, wooden cases, ropes, office furniture and building itself.	3,30,000
10th June 1944.	6-4 A.M.	Kalachowky Road ...	Cotton Mill ...	Firemenwith 15 Motor Pumps.	A building of two floors about 200×180 feet (used as silk mill, factories and godowns) and contents consisting of a large quantity of silk cloth, machinery, provisions, anti-gas fabrics, canvas tents and ropes, etc., considerable portion of the roof blown off and floors collapsed.	25,25,000
25th November 1944.	2-2 P.M.	Wadi Bunder Road ...	Cotton Waste Merchants and General Merchants.	Firemen with 18 Motor Pumps.	A large quantity of cotton, cotton-waste cloth and machinery, etc., stored in one and two floored brick and Galvanised Iron structures covering an area of about 350×150 feet (used as cotton press and godowns).	3,50,000
23rd January 1945.	9-40 A.M.	Boat Hard Road, Lakri Bunder.	Timber Merchants ...	Firemen with 20 Motor Pumps.	A large quantity of dealwood packing materials, and timber collected on open ground measuring about 250×150 feet (used as timber depot).	1,60,000

APPENDIX V

BOMBAY FIRE BRIDAGE.

Summary of lives lost of fires during the 1944-45 including persons who succumbed to the injuries received.

Date.	Time.	Place.	REMARKS.
10th April 1944	... 2-29 P.M.	Vithalbhai Patel Road	... Bai Kundabai Chimanlal Shah, aged about 33 years, severely burned all over body. 1st Aid rendered by Brigade and removed to hospital in Brigade Ambulance. (Since dead).
14th May 1944	... 10-59 A.M.	Gaurakshak Chawl, Fanaswadi ...	Bai Jamnabai Jagjiwan Mistry, aged about 20 years, burned to death Body handed over to Police.
26th August 1944	... 11-53 A.M.	Fanaswadi Road ...	... Bai Hirbai, aged about 23 years, burned to death. Body handed over to Police.
5th September 1944	... 11-11 A.M.	Duncan Road ...	... Bai Shevantibai Sopana, aged about 35 years, found dead (explosion of grenade).
			Tarabai Kisan, aged about 2 years found dead. (explosion of grenade)
14th October 1944	... 12-15 P.M.	Hararwala Building, Lohar Chawl.	Bai Manjulabai Thakurdas, aged about 20 years burned to death Body handed over to Police.
8th November 1944	... 12-47 P.M.	Graham Road ...	... Amrutsingh Makhansingh, aged about 20 years, severely burned all over body. Taken to hospital by Military Personnel. (Since dead).
14th December 1944	... 4-37 P.M.	1st Flank Road ...	... Chima Savlaram, aged about 41 years, severely burned all over body. (Since dead).
15th February 1945	... 3-7 P.M.	101A, Shankar Rao Pupala Road, Kamathipura.	Bai Kasivisalachi Nadas, aged about 20 years, severely burned all over body. 1st Aid rendered by Brigade and removed to hospital in Brigade Ambulance. (Since dead).
7th March 1945	... 10-23 A.M.	Mugbhat Lane ...	... Bai Manekbai Arjoon Kochrekar, severely burned all over body. 1st Aid rendered by Brigade and removed to hospital in Brigade Ambulance. (Since dead).
19th March 1945	... 2-31 P.M.	Shamset Street ...	... Bai Champabai Babu Jethalal, aged about 18 years, burned to death. Body handed over to Police.

MUNICIPAL GARDENS.

"Subject: *Administration Report for the year 1944-45*

The undersigned continued to be in charge of the Garden Department throughout the year. Mr. B. A. Contractor, Assistant Garden Superintendent, Zoological Section, was appointed as Superintendent of Markets and in his place Mr. J. N. Barowa was appointed Assistant Superintendent from 7-9-1944.

16 Gardens, 4 Foutains, 2 Bandstands, 5 Traffic Islands, 3 Open Spaces, 46 Recreation Grounds, 1 Statue and hedges at 3 places were maintained. In addition to these 2 Rockeries, one at Mayo Road and another at Worli opposite Caltex Pump Station were taken over for maintenance, thus bringing the total number of Traffic Islands to 7. The playground at the junction of Rebsch Street, Reynold Road and Club Back Road and the recreation ground at the junction of Cyrus Avenue, Sankli Street and Motlibai Street were taken over for maintenance thus bringing the toal number of recreation grounds to 48. The two gardens one known as the Haji Ali Park at the junction of Clarke Road and Hornby Vellard and other at the Municipal Head Office were also taken over for maintenance, thus bringing the total number of gardens to 18. Plots adjoining the Mahim Foreshore garden and the Recreation ground at Memonwada were also taken over for maintenance.

The number of visitors to the Victoria Gardens during the year under report was 26,34,950 against 23,05,144 in the preceding year which shows an increase of 3,29,806 over the last year's figure, due probably to the increasing popularity of music relayed from Gramophone records and Indian Musical Concerts, giving an annual average of 24,22,045 for the last five years and an average of 7,219 per day during the year under report.

A Vegetable, Fruit and Flower Show which was held for the first time in the Victoria Gardens under the auspices of the Corporation, proved a great success, the number of visitors being approximately 40,000. The number of exhibits, however, would have been larger but for transport difficulties, This department entered the competitions and secured the following prizes and awards:—

(1) First prize for Indian Orchids.
(2) First prize for Collection of 3 Foreign Orchids.
(3) First prize for Collection of Medicinal Plants.
(4) First prize for Mixed Orchids.
(5) Second prize for Collection of other Succulents and Cactus.
(6) Second prize for Foreign Orchids.
(7) Second prize for group of flowering plants arranged from Public Gardens.

The lawn surrounding the central avenue in the Victoria Gardens was extended and new symetrical roads were laid out. A plan giving details of the gardens has been placed in the Gunshed attached to the Conservatory near the Lion's cage for the guidance of visitors. An area approximately 10,000 square feet was further cleared for use of Visitors but the planting and maintenance has been held over until adequate labour and supervision is provided.

Music performances were arranged as follows:—

Place.	Band.	Radiogram.	Indian Music.	Total.
Victoria Gardens	11	42	13	66
Chowpatty Bandstand	3	22	...	25
Esplanade Bandstand	7	20	...	27
Sir Pherozeshah Mehta Gardens ...	5	21	...	26
King's Circle	...	23	15	38
Parsi Colony, Dadar	6	21	...	27

In view of the improved war situation the department communicated with prominent States in India for free gifts of valuable animals and in most of the cases the communications were responded to favourably, but due to transport difficulties the valuable gifts of animals like African and Gir Lions, Bengal Tigers, etc., could not be availed of. Arrangements to fetch them are being made. The department, however, succeeded in securing transport for fetching a fine specimen of a Zebra very kindly presented by the Baroda State. During the year under report 48 animals and 5 birds were received as presents, 51 animals and 9 birds were born in the Victoria Gardens, 41 animals and 47 birds were sold, 97 animals and 54 birds died in the Gardens and 2 animals and 43 birds were purchased. The Zoo Section in particular has suffered very much due to the prevailing conditions but with the easing of the situation and the end of hostilities in sight, proposals are being gradually made for improving the zoo.

The old wooden structures used as stands for camel and elephant rides and the old wooden structure of the fernery in the Nursery are being re-constructed with R.C.C. but the progress in this direction has been very slow on account of the difficulty of obtaining materials like paint, iron, wood and cement, which have been under Government control. The monkey house, the parrots cage, the aquatic aviary, Bhavnagar cage, infirmary and quarters of the animal-keepers were repaired and partly renewed. New Works carried out were as under:—

(1) Support to the hedges at Marine Drive, (2) Filling in and levelling the ground at Nakhoda Tank and providing a singl water entrance thereto, (3) Filling in and levelling the children's corner at Plot No. 61-62, Scheme 52, Worli, (4) C. I. Chambers with frame and cover with locking arrangements to 20 hydrans in some of the public recreation grounds, (5) Rockeries at 3 traffic islands near Churchgate Railway Station and at the end of Love Grove Road, (6) 3 S. P. Hydrants on the West Footpath of the Cruickshank Road, (7) Filling in and levelling the playgrounds in various parts of the city and (8) Concrete pavements round and below the benches in public gardens.

Botanical specimens were supplied as usual to educational institutions and seeds and plants were exchanged with some of the prominent gardens in India. As usual prominent visitors and students from institutions in Bombay, Gujarat, Poona and Baroda were taken round the gardens.

The Mastan Tank, Gilder Tank, and the Willington Memorial Playground under the supervision of the Y.M.C.A. and the playground at 2nd Peerkhan Street, under that of the Nagpada Neighbourhood House continued to be popular. Proposals for the increase of directed games at more centres are under consideration.

The total expenditure incurred by the Gardens Department during the year under report was Rs. 2,24,376-14-7, while the income derived by it from the sale of flowers, animals, etc., amounted to Rs. 16,032-13-6 as against an expenditure of Rs. 1,93,923-14-1 and income of Rs. 13,157-1-0 during the preceding year.

D. I. AHMADI,
Superintendent, Municipal Gardens.

VICTORIA & ALBERT MUSEUM.

"Subject: *Administration Report for the year 1944-45.*

I held the office of Curator, Victoria and Albert Museum, during the year except from 4-4-1944 to 13-4-1944 and from 1-1-1945 to 5-1-1945 when I was deputed to Jaipur and Nagpur to attend the VI All India Library Conference and the Annual Meeting of the Museum's Association, respectively, and when Mr. L. B. Samant, Museum Assistant, acted in my place.

The number of visitors to the Museum during the year under report and the previous year are as under:—

Year.		Number of days the Museum was open.	Total number of visitors.	Daily Visitors average.
1944-45	...	307	16,36,384	5,330
1943-44	...	314	18,36,252	5,847

The Museum was closed to the public from 23-1-1945 to 28-1-1945 for urgent repairs. An innovation was made by reserving the Museum for ladies and children on every Wednesday from 1-7-1944. The experiment proved very successful in as much as 54,571 ladies and children visited the Museum since 1-7-1944 to 31-3-1945 in addition to those that visited the Museum on other week days.

The following specimens were purchased for the Museum.

Four metal images of Hindu Deities, four Indian Paintings, twenty-two frames for ahadi paintings and twenty-nine silver Mogul coins.

The Ragamala paintings were exhibited on two screens in a more ventilated and lighted room to enable the students of the various Art Societies to sketch and study them. The collection of prints, original sketches. etc., pertaining to Old Bombay, was arranged according to localities and exhibited with appropriate descriptions to enable the visitors to see the gradual development of each locality.

Mr. B. K. Rohatgi, Managing Director, The Indian Electric Works, Ltd., Calcutta, who visited the Museum was much impressed with the Model Village plan in the Museum and requested the Municipal Commissioner to give him a ferro-print of the plan as he desired to construct a similar village on his estate in Bihar. His request was acceded to.

Some Reserach Students, Curators, Librarians and Professors availed themselves of the books in the Reference Library in this Museum for their researches and the students of local Art Socieites evinced a keen interest in the Indian paintings exhibited at the Museum.

Over a dozen books were purchased for the Museum Library during the year.

The pupils from Primary and Secondary Schools of the City who visited the Museum during the year numbered 10,544 against 10,517 during the preceeding year.

S. C. UPADHYAYA,
Curator,

MUNICIPAL LIBRARIES.

"Subject: *Admistration Report for the year 1944-45.*

I held the office of the Chief Librarian, Municipal Free Reading Rooms and Libraries Department, during the year except from 4-4-1944 to 13-4-1944 and from 1-1-1945 to 5-1-1945 when I was deputed to Jaipur and Nagpur to attend the VI All India Library Conference and the Annual Meeting of the Museum's Association, respectively.

An additional clerk to cope with the increasing work of the department and five new Librarians on Rs. 50-3-80 were appointed.

The accessioning work of the books, taken over from Secretary Schools Committee on 1-3-1943 was taken up with the voluntary aid of three Librarians, as under.

6,470 Marathi Books.
3,653 Gujarati Books.
210 Hindi Books.
64 Sanskrit Books.
980 Urdu Books.
1,559 English Books.

The Book Selection Committee continued to help the Chief Librarian in purchasing new books. Popular and interesting publications in local Vernaculars and English on various subjects such as General Knowledge, Philosophy, Religion, Useful Arts, Fine Arts, Literature and History including Biography and Geography were purchased as under:—

	1944-45.	1943-44.	
Marathi	237	355	
Gujarati... ...	193	368	
Hindi	148	182	
Urdu	142	208	
English	173	275	
Total ...	893 +	1,388. =	2,281.

Out of the 893 books purchased during this year, all the Gujarati and Enlgish books were accessioned, classified and catalogued by me and Marathi, Urdu and Hindi with the voluntary assistance of three librarians. They were then circulated in small batches to the Municipal Libraries. Gujarati Books in the Municipal Free Reading Rooms and Libraries at Null Bazar (743) and Parel (341) were also catalogued and classified.

Steps were taken to form a Reference Library in the Chief Librarian's Office by purchasing books on various aspects of Librarianship for the use of the Librarians. Short talks were given by me on Library Organization and Routine work, Classification and Cataloguing.

Four leading American Magazines were subscribed to, for circulation among the Municipal Libraries. Additional newspapers were subscribed to for libraries wherever necessary.

The subjoined table gives a comparative statement of the number of persons who took advantage of the Municipal Free Reading Rooms and Libraries and the work done therein.

S. C. UPADHYAYA,
Chief Librarian.

Statement showing particulars of the number of Readers of the Municipal Free Reading Rooms and Libraries, Books issued etc., during the year 1944-45:—

Name of the Library.	Total No. of visitors.	Total No. of books issued on Deposit.	Total No. of books issued on the premises without deposit.	Total No. of Depositors.	Dailies.	Bi-weeklies	Weeklies.	Fortnightlies.	Monthlies.	Quarterlies.	Remarks.
C. L's Office ...	146	...	146	...	...	...	...	...	1	2	
Parel Library ...	44,273	2,978	1,207	110	7	1	3	1	6	2	
Gell Street ,, ...	71,130	3,690	10,282	99	10	2	7	1	14	1	
Foras Road ,, ...	16,200	1,443	3,114	43	3	1	2	1	10	...	
Kamathipura ,, ... (S. M. Sobani).	24,160	712	1,574	56	8	...	3	1	2	...	
Chikhalwady ... (Dadabhoy Nowroji).	28,819	3,767	1,768	106	5	1	2	1	9	2	
Kambekar Street ... (Halai Memon)	38,682	2,584	1,184	124	7	...	5	1	1	1	
Nal Bazar Library ...	18,525	1,777	24	36	5	...	3	1	8	1	
Bapu Khote Street ... (H. Y. H. I. Khatry)	38,306	4,305	298	138	7	1	8	1	8	...	
Nawiwadi ... (Ladies), Library.	11,940	1,624	3,348	43	5	1	3	...	10	1	
Sk. Budan Comodin Street (circulating Liby)	590	...	590	...	...	...	...	...	1	1	
Sk. Budan Comodin Street (Teli Mohalla).	32,057	476	962	27	8	1	5	1	1	...	
Mandvi (D. R. Rokde)..	10,921	1,937	2,955	41	2	1	4	1	8	...	
Gokhale Road, (South).	41,931	1,503	1,501	33	6	1	5	1	7	...	
Grand Total 1944-45...	3,77,677	26,796	28,953	856							
Do. 1943-44...	2,91,180	12,047	24,224	902							

GENERAL STORES.

"Subject: *Administration Report for the year 1944-45.*

1. I have the honour to submit the annual report on the working of the Stores Department for the year 1944-45.

2. During the year, tenders were invited for the purchase of stores in 77 cases against 138 in the preceding year. The number of contracts for the various schedule articles entered into during the year was 56 against 37 of the preceding year, the remaining tenders being rejected due to high rates quoted by the tenderers. Materials, the acquisition of which is prohibited except in conformity with licences granted by Government, were secured at controlled rates from the controlled stockists or producers, or from lease lead stocks in accourdance with licences or permits issued by Government.

3. The value of stores and other materials purchased during the year including articles received from other departments on Return Stores Memos. amounted to Rs. 18.21 lakhs against Rs. 17.73 lakhs in the preceding year. This increase is mainly due to higher market rates prevailing because of war conditions.

4. Most of the articles purchased during the year under report were of Indian manufacture and the value thereof amounted to Rs. 15.85 lakhs. The value of foreign goods purchased amounted to about Rs. 2.36 lakhs.

5. 3,337 orders for the purchase of stores were placed with the contractors and other dealers against 3,442 in 1943-44 and 4,766 in 1942-43.

6. 20,188 indents and sales-memos, were received from the departments against 19,115 in the preceding year.

7. The articles indented which were not in stock or for which no contracts had been entered into were secured from the market by invitation of quotations, except in a few cases, wherein direct purchases were made from the market, as such a course was found to be more economical and expeditious. The total number of casual or market-rate enquiries or quotations invited was 1,473 against 1,327 in the preceding year.

8. During the year, no dust-bins could be sold to house-owners as it was very difficult to obtain them. The galvanized sheets from which these are manufactured are under control and applications for securing the sheets from Government under a licence did not have a favourable response.

9. The articles received from contractors and others were carefully examined and compared with the approved samples before acceptance and where the articles supplied differed from the samples they were rejected and got replaced except in a few cases, wherein they were accepted at a reasonable rate of discount.

10. C.I. and other scrap received from the different departments was sold after inviting sealed offers from dealers in scrap. The highest rate realised for C.I. scrap was Rs. 130 per ton against Rs. 186-8-0 per ton in the preceding year. The total amount realised by sale of scrap and other unservicable articles by public auction during the year amounted to Rs. 40,290-7-0 against Rs. 24,594-5-0 in the preceding year.

11. The total turnover of the department, *viz*., the receipts and issues of stores during the year came to Rs. 36.50 lakhs against Rs. 33-12 lakhs in the preceding year.

12. The stock of stores on hand was verified departmentally and through the Municipal Stock Verifier. The departmental verification and the verification by the Municipal Stock Verifier showed no appreciable difference during the year.

13. The abnormal conditions created by the war seriously affected the department. The annual tenders for supply of materials according to the various schedules, which were invited in the months of January and February 1945, carried rates considerably higher than the market rates. In several cases, the tendered rates were exorbitant; it was, therefore, decided to reject such tenders, though this increased the work of the department and periodic purchases of materials were made from the market from time to time according to departmental requirements, thus effecting large savings.

14. The value of stores in hand at the close of the year was Rs. 9.99 lakhs against Rs. 10.06 lakhs in the preceding year. The decrease of Rs. 0.07 lakhs is due to the sale of obsolete stores.

15. Apart from the scarcity of materials and the cancellation of schedules due to higher rates, the various control orders of the Provincial and Central Governments, prohibiting the acquisition of materials except in conformity with licences or permits issued by Government, aggravated the difficulties of the department and increased its work enormously. However, the department has been able to meet these difficulties and play its role as the chief supplying Agency to the Municipal Departments.

16. I append herewith statements showing (*a*) the stores transantions during the year as required by Clause XXIX of the Stores Audit Manual (Appendix 'O') and (*b*) the details of the stock in hand at the close of the year.

17. The undersigned continued to hold the office of Controller of Stores throughout the year under report.

A. H. K. SHAIKH,
Controller of Stores

APPENDIX 'O'

(a) *Statement showing Stores Transactions during the year 1944-45.*

Particulars.	General Stores.	Capital Stores.	Line Suspense Stores.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores on hand on 1st April 1944 ...	6,76,820 10 4	2,36,609 7 3	93,059 7 10	10,06,489 9 5
Value of Stores receipts including transfers during 1944-45.	13,52,432 12 6	4,66,922 11 0	2,294 7 0	18,21,649 14 6
Total ...	20,29,253 6 10	7,03,532 2 3	95,353 14 10	28,28,139 7 11
Less— Value of Stores issued including transfers during 1944-45.	13,32,306 5 11	4,87,567 15 0	8,721 7 0	18,28,595 11 11
Balance on 1st April 1945 ...	6,96,947 0 11	2,15,964 3 3	86,632 7 10	9,99,543 12 0

(b) *A statement showing the details of stock held on 31st March 1944 and 1945.*

	1944.	1945.
	Rs. a. p.	Rs. a. p.
Capital Account—		
C.I. Pipes, tubes, hydrants and cement ...	2,07,722 7 3	1,94,560 1 0
Manholes, Circular, sluice valves and other water works castings, etc. ...	11,841 14 0	9,738 0 0
Stoneware pipes and Indian Hume Pipes, etc. ...	17,045 2 0	12,300 2 0
Line Suspense Account—		
Water Works castings on the line ...	93,059 7 10	86,632 7 10
General Account—		
G.I. Pipes and fittings and brass fittings ...	1,35,575 11 1	1,72,360 11 10
Meter spares and meters ...	38,370 0 6	19,123 12 0
Cast iron specials, water works castings and Spindles, brass ...	1,27,009 7 11	1,33,131 10 11
Bolts and nuts ...	7,830 8 0	8,832 8 0
Brooms, Goa ...	1,941 2 6	414 1 0
Cables and wires ...	4,939 3 0	9,648 2 0
Electric wires and accessories ...	20,954 7 9	19,533 14 0
Files and Rasps ...	682 10 0	799 2 0
S. M. Sections ...	19,110 0 0	30,247 12 0
Lead pipes and zinc sheets ...	704 3 0	979 2 0
S. M. Plates ...	3,609 10 0	7,731 7 0
Coir goods and tin articles ...	172 8 0	83 0 0
Motor spares ...	17,683 12 0	20,844 12 0
Nuts, rivets and nails ...	8,566 1 0	5,829 8 0
Oil castor, cocoanut, sweet, kerosene ...	4,819 12 0	3,832 14 0
Lubricating oil and grease ...	10,557 1 0	2,977 9 0
Timber ...	3,880 15 0	5,801 2 0
Drainage castings ...	45,910 3 0	45,108 6 0
Disinfectants ...	25,722 0 0	13,910 13 0
Clothing ...	12,967 1 0	24,025 0 0
Hose canvas and rubber ...	16,676 4 0	19,986 3 0
Spare parts and stone crusher ...	3,908 4 0	3,909 4 0
Lead Pig ...	10,553 15 0	27 1 0
Miscellaneous ...	1,54,675 14 7	1,47,175 6 5
Total ...	10,06,489 9 5	9,99,543 12 0

A. H. K. SHAIKH,
Controller of Stores.

LICENCES, SHOPS & ESTABLISHMENTS.

I was in charge of the department during the year 1944-45 except for my absence on leave for a period of one month from 13-11-1944 to 15-12-1944, when the Assistant Superintendent of Licences, Mr. V. G. Sabnis and the Acting Chief Inspector of the Shosps and Establishments Section, Mr. S. G. Redkar, looked after my work in the respective Sections.

2. *Licences under Sections 394 and 412-A and permits under Sections 390 and 393 of the Municipal Act*:—The total number of licences and permits issued under these Sections during the year was 25,263 and the fees realised therefrom amounted to Rs. 2,53,655. These figures compare with those of the preceding two years, as shown below:—

Particulars.	Number of Permits and Licences.			Amount of fees recovered.		
	1942-43.	1943-44.	1944-45.	1942-43.	1943-44.	1944-45.
				Rs.	Rs.	Rs.
Commodities and Trades (Section 394) ...	19,853	22,410	22,919	2,19,593	2,39,765	2,45,321
Steam Whistle Blowing (Section 393) ...	39	39	39	385	392	390
Milk products, Ghee and Butter (Section 412A) ...	1,443	1,144	1,108	3,146	2,570	2,554
Factories (Section 390)	183	151	116	4,725	3,868	2,933
Transfers of Licences (Sections 394 and 412A)...	806	1,029	1,048	2,392	2,363	2,387
Transfers of Permits (Section 390)	44	56	33	114	113	70
Total ...	22,368	24,829	25,263	2,30,355	2,49,071	2,53,655

3. The licence fees outstanding on 31st March 1945, amounted to Rs. 796 in respect of 96 licences as against Rs. 328-4-0 in respect of 45 licences on 31st March 1944. Licence fees recovered in excess amounting to Rs.483 were refunded during the year. The loss of revenue incidental to the disuse or demolition of old licensed places or the diversion of their user not entailing licences amounted to Rs. 18,259 against Rs. 24,379 in the preceding year. No licence was revoked during the year. Miscellaneous receipts amounted to Rs. 1,132 against Rs. 931 in the preceding year.

4. 119 licences were issued during the year for the trade of farriers, as against 126 in the previous year 23 persons were prosecuted for carrying on the trade without a licence, of whom 3 were convicted and fined Rs.25; 20 cases were withdrawn on payment of licence fees, 3 persons were acquitted and 2 cases were pending at the close of the year.

Advertisements.

5. *Permits under Sections 328 and 328-A.*—The total number of permits for advertisements issued under these sections during the year under report was 2,571, and the receipts therefrom amounted to Rs. 1,35,326. They compare with the preceding two years as under:—

Particulars.	Number of permits issued.			Amount of fees collected.		
	1942-43.	1943-44.	1944-45.	1942-43.	1943-44.	1944-45.
				Rs.	Rs.	Rs.
Wall-posters, Hoardings and Boards	1,107	1,181	1,345	67,764	60,669	66,832
Movable boards on hand-carts etc. ...	485	517	488	32,553	28,841	30,033
Illuminated Advertisements and Sky-signs ...	36	47	48	864	1,130	1,482
Non-Illuminated Sky-signs and Advertisements ...	659	667	627	11,418	14,174	21,784
Non-Illuminated Kiosks	24	13	12 }	...	...	...
(Number of Kiosks)	(1917)	(2,204)	(2525) }	2,411	2,755	3,156
Wall-Paintings	43	43	49	561	1,651	5,372
Auctioneers	2	2	2	200	200	200
Space-rent	...	...	...	272	2,818	2,579
Composition for delayed payments	...	...	...	2,778	3,212	3,888
Total ...	2,356	2,470	2,571	1,18,821	1,15,450	1,35,326

Hawkers.

6. *Licences under Sections 313 and 313-A.*—The total number of hawker and squatter licences issued during the year was 45,517, and the fees realised therefrom amounted to Rs. 1,60,957. The removal charges recovered under Section 490 amounted to Rs. 30,886. These figures compare with those of the preceding two years, as under:—

Particulars.	Number of licences issued.			Amount of fees collected.		
	1942-43.	1943-44.	1944-45.	1942-43.	1943-44.	1944-45.
				Rs.	Rs.	Rs.
Squatters' Fees collected in Reserved Areas (Under Section 313).	30,063	33,505	36,008	1,22,695	1,35,613	1,42,292
Fees received from itinerant hawkers' licences (Under Section 313-A).	4,982	8,158	9,509	14,902	18,410	18,665
Total ...	35,045	41,663	45,517	1,37,597	1,54,023	1,60,957
Recovery of expenses under Section 490 for removal of encroachments under Section 314.				25,396	32,473	30,886
Total ...	35,045	41,663	45,517	1,62,993	1,86,496	1,91,843

Prosecutions.

7. The number of prosecutions launched during the year under report, and the results thereof, as compared with those of the preceding two years, are as under :—

Year.	Offence against Section.	Total number of cases instituted.	No. of cases withdrawn on compliance with law.	No. of cases which resulted in conviction.	Amount of fines inflicted.	No. of cases which resulted in acquittal.	No. of cases remaining undisposed of on 31st March, 1945.
					Rs.		
1942-43 ...	394	1,409	1,156	236	2,685	5	114
1943-44 ...	,,	1,210	979	202	2,762	2	141
1944-45 ...	,,	1,367	1,060	342	9,011	8	98
1942-43 ...	328-328A	1,762	1,920	2	6	...	220
1943-44 ...	,,	2,753	2,208	1	5	...	764
1944-45 ...	,,	1,230	1,842	6	350	28	118
1942-43 ...	412-A	80	76	1	10	...	5
1943-44 ...	,,	54	55	...	...	...	4
1944-45 ...	,,	57	59	...	...	...	2

8. *Criminal Prosecutions.*—During the year under report, a havildar and a labourer on one of the Encroachment Removal Lorries were assaulted by 3 neighbouring shop-keepers at Musjid Bunder Bridge while the former were taking seizure action in the locality. The shop-keepers were arrested by the police. They were prosecuted and tried for assaulting and obstructing public servants in the discharge of their duties and were convicted and fined Rs. 100 each or in default to undergo one month's rigorous imprisonment,

9. *Revenue.*—The total revenue of the department was Rs. 5,80,824.

10. *Quinquennial Cattle Census.*—During the year under report the Quinquennial Cattle Census (1945) in the City of Bombay was undertaken by this department on behalf of Government. The cost of the census, *viz.*, Rs. 3,097-12-0 was met by Government. The preliminary enumeration was started on 3rd January, 1945, and the final count was taken on 31st January 1945. The census returns, after verification, were sent to the Director of Agriculture, Poona, on 15th March 1945.

Shops and Establishments Section.

11. *Complaints.*—Of the complaints received last year, 20 remained to be investigated, and, during the year under report, 370 fresh complaints were received, relating mostly to the absence of rest interval and weekly holidays. 381 complaints were investigated, and action taken wherever necessary. By the close of the year, 9 complaints remained pending.

12. *Raids.*—Mass raids were arranged, as in previous years, when two or more Inspectors visited several establishments in one locality simultaneously, and checked the notices, registers etc., maintained by each establishment, as it was found that such raids helped enforcement of the Act more effectively. The total number of mass raids carried out upto the end of the year was 123—(67 by day and 56 by night).

13. *Visits and Re-Visits to establishments.*—The total number of visits and re-visits paid to establishments up to the close of the year was 23,530 to shops, 4,165 to commercial establishments, 100 to places of amusement, and 9,233 to restaurants.

14. *Prosecutions under the Shops and Establishments Act.*—Out of the prosecutions launched in the preceding year, 160 were pending at the close of the year, and 2,533 new prosecutions were instituted. Thus, out of 2,693 cases during the period under report, 2,403 were disposed of, 2,361 resulting in convictions, 31 being withdrawn and 11 ending in acquittal. The number of cases pending at the end of the year 1944-45 was 295. The total amount of fines inflicted was Rs. 50,689-8-0 giving an average of Rs. 21-8-0 per case or Rs. 9-14-8 per charge, each case generally involving multiple charges.

15. *Exemptions.*—During the period under report, exemption was renewed by Government in the case of 6 chemists' and druggists' shops. The exemption granted to Messrs. Premier Chemists was, however, cancelled for repeated breaches of conditions, subject to which the exemption had been granted.

4 sandlewood merchants dealing in funeral requisites were granted partial exemption during the year under report.

Some of the provisions of the Act were, as usual relaxed during Pateti, Ganesh Chaturthi, Ramzan and Ramzan-Id, Diwali, Mahim Urus, X'mas, and Jamshedi Nowroz holidays, as was done in the previous year.

16. *Grant-in-Aid.*—Government sanctioned a grant-in-aid of Rs. 69,259 for the year 1943-44.

17. *General.*—It may be mentioned that as a result of prosecutions and heavy fines inflicted by the Courts, the majority of the employers are now complying with the provisions of the Act, but in the absence of any statutory provision regarding a close day in a week, the employers who had been hitherto closing their shops once a week, thus ensuring a weekly holiday to their staff, have discontinued this practice.

A. P. SALDANHA,
Superintendent of Licences,
Shops and Establishments.

MARKETS.

Subject: *Administration Report for the year 1944-45.*

The total receipts of the Department during the year under report amounted to Rs. 20,12,037-11-10 against Rs. 17,65,702-7-10 in the previous year, showing an increase of Rs. 2,46,335-4-0, which was due to the increase in stall rents, slaughter fees and fair fees.

2. There were in all 17 Municipal markets. Statement (I) shows the total number of stalls and the average number that remained vacant per quarter in each market, the financial result of each market and the increase and decrease in revenue with the percentage on cost as compared with the previous year.

During the year under report 8 stalls were demolished and 6 new stalls were constructed ; thus the number of stalls in Municipal markets decreased by 2.

There was an increase of Rs. 1,10,409-13-6 in the receipts from 15 markets and a decrease of Rs. 1,245-5-0 in respect of others with the result that there was an increase of Rs. 1,09,164-8-6 in stall rents during the year over the previous year. On account of the explosion that took place in the docks on 14th April 1944, the Musjid Bunder Market was greatly damaged and had to be kept closed till November 1944 when it was re-opened for business after necessary repairs. A sum of Rs. 3,43,577-6-6 was realised as squatters fees and scale shed fees from the Arthur Crawford Market against Rs. 2,99,704-0-6 in the preceding year showing an increase of Rs. 43,873-6-0.

3. The number of private markets during the year was 22 as in the previous year. The number of private slaughter-houses remained the same as in the previous year, *viz.*, two, one at Maude Lines, Colaba, for the Military and the other Jhatka Slaughter House at Arthur Road for the Sikhs. The license fee in respect of Byculla Vegetable Private Market oppsoite Victoria Gardens has been adjusted as the question regarding the carrying out of certain requisitions has been finally settled. The license fees in respect of the following four private markets, *viz.*, Dongri, Habib, Dr. Hakim's and Kermani and of the Jhatka Slaughter House have been held under deposit as the question of transfer of the first three private markets is pending. The question of revision of license fees is pending in the last two cses.

The amount realised on account of the licence fees of 18 private Markets, and one Slaughter House was Rs. 2,11,704-2-4, as against Rs. 27,453-5-0 in the previous year (Rs. 1,67,817 being deposits of previous years in respect of the Byculla private Vegitable Market). A sum of Rs. 350/- was also received as licence fee from the firms dealing in imported meat, foreign fish, etc. Licence fees amounting to Rs. 1,215/- were recovered from butchers having stalls in Private Markets.

The number of outside meat shops was 187 against 185 in the preceding year. The license fees of the shops amounted to Rs. 9,541 against Rs. 10,292-5-4 in the previous year.

4. All the Markets and Slaughter Houses were regularly inspected and careful supervision was exercised by the Markets and Slaughter Houses Staff with regard to the cleanliness and sanitary condition of the premises and the wholesomeness of the articles offered for sale thereat. Unwholesome articles, such as meat, fish, fruit, vegetables, etc., in different markets and Slaughter Houses and contraband meat weighing 6,26,903 lbs. in the aggregate, were destroyed during the year. The total quantity of meat destroyed in the Markets was 96,759 lbs.

5. The quantity of contraband meat seized and destroyed was 11,671 Lbs. against 26,326½ lbs. in the previous year, showing a decrease of 14,655½ Lbs. In all, 386 seizures were effected and prosecutions instituted with the result that 384 persons were convicted and fined.

6. The number of animals brought to the fair ground at the Bandra Slaughter Houses and the number of animals rejected as unfit on antemortem examination as compared with the perevious year is as under:—

Year.	Animals brought to the Fair Ground.			Animals rejected on *ante-mortem* examination.		
	Buffaloes.	Cows and bullocks.	Sheep and goats.	Buffaloes.	Cows and bullocks.	Sheep and goats.
1943-44 ...	12,189	1,05,139	14,57,798	15	1,793	7,827
1944-45 ...	9,499	82,225	15,15,432	75	1,027	8,963

The principal causes of ante-mortem rejection were advanced stage of pregnancy or suffering from sheep-pox, foot and mouth disease, fever, emaciation, abortion, debility, mange, bruises, foot-rot, pneumonia, fractures, abscesses, etc., or other diseases, or infections rendering their meat unfit for human consumption.

The chief causes of post-mortem condemnation were cysticercus-bovis, liver flukes, abscesses, bruises emaciation, hydatid-cyst, foot-rot and parasitic nodular infection of livers and lungs.

7. The slaughter and removal fees realised at the Bandra Slaughter House together with the slaughter fees realised at the DeLisle Road Sheep Market amounted to Rs. 5,50,756-5-0, against Rs. 6,12,340-10-0 of the last year, showing a decrease of Rs. 61,584-5-0 due to various kinds of restrictions imposed by Govt. for the slaughter of horned cottle. The fees received from the Kurla Municipality under the agreement to import buffalo meat into Bombay were Rs. 61,480/- against Rs 65,670-0-0 in the previous year. A sum of Rs. 48-12-0 was also realised for horned cattle, sheep and goats slaughtered in Bombay on festive occasions.

8. The approximate weight of dressed meat of buffaloes, cows and bullocks was 9,448 tons and that of sheep and goats 11,138 tons. The quantity condemned out of the former was 24 tons and out of the latter 9 tons which gave 0.25 and 0.08 percentage respectively.

9. The number of pigs and piglings brought for slaughter at the Arthur Road Slaughter House during the year was 22,696 and 230 respectively, out of which 21,893 pigs and 224 piglings were slaughtered and the amount received as import and slaughter fees was Rs. 44,817-8-0 against Rs. 45,750-12-0 in the previous year.

Permits to import 83 slaughtered piglings were issued during the year and the fees recovered thereon amounted to Rs. 62-4-0.

10. Out of 540·2 tons of pork meat slaughtered, 17·39 tons were rejected and destroyed as unfit for human consumption on account of tuberculosis, pregnancy, debility, cysticercus-celulosae, hypertrophy of kidneys bruises, abscesses, cysts and injuries. The percentage of pork destroyed to the total quantity was 3.15 The infection of tuberculosis was confined to pigs only.

Note.—The details of animals slaughtered etc., and the fees realised are given in Appendix A of this report.

11. The amount realised for the right of collecting fair fees at the Bandra Slaughter House was Rs. 2,57,500 against Rs. 2,36,500 in the preceding year showing an increase of Rs. 21,000.

12. The other miscellaneous revenues were as follows :—

Particulars.	1944-45.			1943-44.		
	Rs.	a.	p.	Rs.	a.	p.
1. Amount recovered from the contractors for the right of removing blood from the Bandra Slaughter House ...	11,250	0	0	11,250	0	0
2. Licence fee from stalls, and shops, in Municipal and Private Markets, and outside shops, etc.	* 2,36,680	2	4	52,090	10	0
3. Minor receipts	10,759	6	0	7,863	6	6
4. Ground rent	17,674	6	0	15,225	8	0
5. Chawl Rents	5,132	9	0	4,886	2	0
6. Rents from the Peddar Market Chawls and other recoveries from Peons through pay sheets etc.	864	0	0	874	0	0
7. Cold Storage Rents	65,613	8	0	43,565	8	6
8. Unclaimed dues and deposits	Nil			Nil		
Total ...	3,47,973	15	4	1,35,755	3	0

* The amount includes deposits amounting to Rs. 1,87,817/- in respect of Byculla Private Vegetable Market adjusted during the year.

13. The fines inflicted by Honorary Presidency Magistrates for the infringement of provisions of the Municipal Act and Byelaws pertaining to the Markets Department amounted to Rs. 4,946-8-0, against Rs. 5,219-0-0 in the previous year.

14. The Refrigerator plant at the Arthur Crawford Market worked satisfactorily. In all the four chambers of the plant packages were stored on payment of fees which were recovered departmentally.

STATEMENT I.

Name of Market	Total number of stalls.		Average No. of stalls vacant per quarter.		Stall rents 1944-45.	Squatters fees, licence fees, etc., 1944-45.	Total gross receipts 1944-45.	Total expenditure 1944-45.	Net receipts 1944-45.	Net receipts 1943-44.	Increase or decrease during the year 1944-45.	Total cost of the Markets upto 31-3-45.	Percentage of Net Receipt on the cost.
	1944-45	1943-44	1914-45	1943-44									
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
laba ...	44	41	3	3	4,574- 4	5,547- 7	10,121-11	7,157	2,964-11	1,098	1,866-11-0	97,756	3.02
et ...	170	170	6	17	21 536- 6	9,86[illegible]-14	31,402- 4	11,958	19,444- 4	17,864	1,580- 4-0	4,30,880	4.51
ther Crawford	1,023	1,020	14	32	2,16,578-12	2,34,036-14	4,50,615-10	1,41,620	3,08,995-10	2,39,091	69,904-10-0	17,73,450	17.5
kine Road ...	816	817	132	208	85,442- 9	19,664 -9	1,05,107 -2	37,556	67,551- 2	58,615	8,936- 2-0	5,97,612	11.5
huleshwar ...	201	201	13	15	23 976- 0	257 -8	24,233 -8	8,852	15,381 -8	13,341	2,040- 8-0	2,94,217	5.2
ddar ...	46	46	9	10	4,065-10	9,200-15	13,267 -9	8,672	4,595 -9	2,136	2,459 -9-0	57,863	7.9
rk ...	3	3	...	...	4,380- 0	4 -0	4,384 -0	490	3,894 -0	830	3,054 -0	20,880	18.4
eLisle Rd Sheep	48	48	...	...	6,903- 0	1.237 -0	8,140 -0	6,064	2,076 -0	1,762	314 -0-0	25,000	8.3
ergusson Road...	30	30	1	2	5,033-15	15,772-12	20,806-11	10,004	10,802-11-0	10.812	—9 -5-0	25,473	42.4
rabhadevi ...	9	9	...	...	1,239- 4	10,563- 7	11.802-11	5,682	6,120-11-0	5,261	859-11-0	23,819	26.5
lphinstone Road	39	39	1	...	8,235- 0	19,982-11	28,217-11	8,295	19,992-11-0	15,479	4,443-11-0	31,843	62.5
amatipura ...	91	96	8	13	5,769 -6	4,838-13	10,608- 3	6,980	3,628-3	2,427	1,201 -3-0	55,498	6.53
asjid Bunder ...	94	94	53	54	700-10	619 -6	1,320- 0	4,612	—3,292-0	—2,056	--1.236-0-0	17,346	—18.9
howpatty ...	69	71	28	37	2,291- 4	1,364- 9	3,655-13	6,484	—2,828-3	—4,135	1,306-13-0	4,67,280	— .64
adar ...	10	10	...	...	3,379- 1	62,774-12	66,153-13	23,562	42,591-13-0	41,908	683-13-0	1,51,676	28.7
Gold Mohur castle	...	...	...	...	...	25,880-11-6	25,980-11-6	16,322	9,558-11-6	120	9,438-11-6	5,16,603	1.8
New Worli ...	43	43	16	16	8,624- 3	9,102 -0	17,726- 3	6,382	11,344- 3-0	9,034	2,310 -3-0	1,79,947	6.3
Total ...	2,736	2,738	284	407	4,02,730- 4	430,713-4-6	833,443-8-6	3,10,692	522,751-8-6	4,13,587	109,164-8-6	47, [illegible]7,149	

B. A. CONTRACTOR,
Superintendent of Markets and Slaughter Houses.

APPENDIX "A".

Statement showing the number of animals slaughtered or removed for private slaughter and the amount of slaughter fee, etc., levied thereon during the year 1944-45.

Description of animals.	April 1944.	May 1944.	June 1944.	July 1944.	August 1944.	September 1944.	October 1944.	November 1944.	December 1944.	January 1945.	February 1945.	March 1945.	Total No. of animals.	Total amount of slaughter fee, etc. Rs. a. p.
Buffaloes	958	1,030	988	848	841	841	843	518	673	673	554	608	9,375	1,40,625 0 0
Buffaloes removed to Bombay	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buffaloes for private slaughter in Bombay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cows (Bombay)	1,679	2,393	2,871	2,484	2,459	2,751	2,370	1,333	2,301	2,525	2,707	2,479	28,352	42,528 0 0
,, (Bandra)	488	489	532	479	506	476	439	380	580	604	549	647	6,169	6,169 0 0
Bullocks	3,338	2,978	2,643	2,965	3,540	3,916	4,053	3,473	4,702	5,108	4,257	4,175	45,148	67,722 0 0
Sheep and goats for Bombay ...	95,489	99,935	1,05,237	1,01,060	89,453	1,02,508	96,250	99,120	1,06,042	1,04,916	1,01,359	1,05,485	12,07,754	2,26,453 14 0
Do. Bandra	3,427	3,590	3,743	3,900	2,975	3,759	3,710	3,482	3,978	3,917	3,559	3,760	43,800	5,475 0 0
Pigs imported at Arthur Road Slaughter House.	1,607	1,291	1,438	1,672	1,612	2,374	2,142	1,956	2,716	2,067	1,862	1,959	22,696	22,696 0 0
Piglings Do. do. ...	11	2	7	...	10	11	14	10	124	13	12	16	230	172 8 0
Pigs slaughtered at Arthur Road Slaughter House	1,693	1,196	1,299	1,486	1,779	2,357	1,914	1,965	2,503	2,099	1,895	1,707	21,893	21,893 0 0
Piglings Do. do. ...	11	2	7	4	13	11	12	7	124	9	10	14	224	56 0 0
Slaughtered piglings imported for private consumption in Bombay	14	5	3	...	8	3	1	3	34	3	1	8	83	62 4 0
Live horned cattle removed to Bombay ...	5	11	3	4	11	30	6	42	2	4	5	8	131	655 0 0
Live horned cattle removed for shipping ...	...	5	8	8	...	8	...	7	...	...	...	...	36	72 0 0
Live horned cattle removed for Bandra ...	23	51	57	29	45	173	58	88	28	15	28	18	613	1,230 0 0
Live horned cattle for private slaughter in Bombay	3	1	2	1	...	...	...	...	4	...	...	...	12	40 0 0
Live sheep and goats removed to Bandra ...	1,949	1,755	2,133	2,083	1,161	1,244	2,196	3,136	3,023	4,124	3,479	4,449	30,732	7,688 4 0
Do. do. Bombay ...	1,848	2,020	2,236	2,389	2,143	2,679	1,875	4,425	2,278	2,076	1,615	1,766	27,300	20,475 0 0
Do. do. for shipping..	567	551	458	261	178	210	513	639	344	346	408	353	4,848	1,212 0 0
Live sheep and goats for private slaughter in Bombay	1	2	3	2	1	2	...	1	2	...	...	2	16	8 12 0
Live sheep and goats removed by DeLisle Road Sheep Market Fadkarees	2,056	2,199	2,679	3,130	2,091	3,457	3,089	5,118	3,816	3,607	4,399	3,749	39,390	29,542 8 0
Live sheep and goats slaughtered in the chamber of DeLisle Road Sheep Market ...	591	981	1,138	1,135	389	1,060	1,294	1,124	1,608	1,276	1,609	1,361	13,566	1,695 12 0
Total ...	1,15,758	1,20,487	1,27,485	1,24,840	1,09,215	1,27,870	1,20,779	1,26,828	1,34,852	1,33,382	1,28,308	1,32,564	15,02,368	5,96,471 14 0

B. A. CONTRACTOR,
Superintendent of Markets & Slaughter Houses.

MUNICIPAL PRINTING PRESS.

"Sujbect: *Administration Report for the year 1944-45.*

Mr. T. V. Doraiswamy, B.COM., the newly appointed Test Audit Officer, took charge of the Press as Supervising Officer from 22-5-1944 *vice* Mr. B.K. Wagle, B.A. (Cantab.) retired.

The difficulty of obtaining paper referred to in the previous year was to a certain extent obviated this year as Government increased the allotment of paper to the Press from 23 tons to 30 tons. But in addition to the normal requirements of the departments which had increased this year, the Press had to supply forms and registers for the use of the office of the Government Subsidized Milk Scheme, the management of which has been undertaken by the Municipality. It had also to meet the rquirements in respect of forms and books of the Officer-in-charge of the Relief Centres orgainzed for giving relief to the citizens rendered destitutes as a result of the explosions in the City docks on 14th April 1944. The statement of paper consumed during the year as compared with the previous two yeers is given below:—

Description of Paper.	1942-43.		1943-44.		1944-45.	
	Rate per lb.	Quantity consumed.	Rate per lb.	Quantity consumed.	Rate per lb.	Quantity consumed.
	Rs. a. p.	Tons.	Rs. a. p.	Tons.	Rs. a. p.	Tons.
White	0 7 2	17	0 8 6	11½	0 6 4	15¾
Badami	0 6 6	6	0 7 6	8½	0 6 0	20¼
Other kinds	0 13 0	14	0 15 0	10	0 10 0	4½
Paper printed on one side received from departments... ...	...	...	...	1	...	...
		37		31		40½

The dearness allowance of Rs. 16 per month was increased to Rs. 18 per month with effect from 1-4-1944 and to Rs. 22 per month with effect from 1-1-1945.

Under Standing Committee Resolution No. 241, dated the 22nd May 1944, the permanent workers of the Press were given a higher fixed salary with effect from 1-3-1944 for the duration of war and one year thereafter, and were also made amenable to leave rules contained in chapter X-A of the Municipal Service Regulations under Corporation Resolution No. 274, dated the 22nd June 1944. This resulted in increasing the cost of labour by about 20 per cent. over that of the previous year.

The Corporation sanctioned a grant of Rs. 800 from the Fines Funds for the continuance of the Literacy Class started under Corporation Resolution No. 272, dated the 28th June 1943 for a further period of one year and the progress during the year was satisfactory. Under their Resolution No. 34, dated the 26th April 1944 an additional Budget Grant of Rs. 525 was made from the Fines Fund for the purchase of books and furniture for a Municipal Library for the Press workers and books of the value of Rs. 288 have been purchased. The Library is being conducted by the workers on a voluntary basis and is taken advantage of by a majotiry of them.

A Profit and Loss account and a Pro-forma Balance Sheet as on 31st March 1945 is appended hereto. The transactions for the year closed with a surplus of Rs. 2,513 on the total turnover of Rs. 2,18,301-14-0.

The Labour staff on 28th February 1945 consisted of 120 workers as against 110 workers on 29th February 1944.

T. V. DORAISWAMY,
Test Audit Officer.

MUNICIPAL PRINTING PRESS.

Working and Profit and Loss Account as at 31st March 1945.

Liabilities.

Dr.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Materials—			
Paper, etc., stock at the beginning ..	50,149 9 4		
Do. *Add* Purchases ..	20,327 6 6		
Do. outstanding Liabilities ..	11,186 11 4		
	81,663 11 2		
Do. *Deduct* stock at end ...	21,523 2 8	60,140 8 6	
Ink stock at the beginning ...	54 0 10		
Do. *Add* Purchases	527 11 0		
Do. outstanding liabilities ...	20 0 0		
	601 11 10		
Do. *Deduct* stock at the end ...	74 9 7	527 2 3	
Binding Materials stock at the beginning ...	4,845 8 1		
Do. *Add* Purchases ...	5,839 13 3		
Do. out-standing liabilities ...	68 12 0		
	10,745 1 4		
Do. *Deduct* stock at the end...	4,203 4 8	6,541 12 8	
Mono Metal stock at the beginning ...	18,487 0 0		
Do. *Add* Purchases ...	...		
Do. out-standing liabilities ...	582 3 0		
	19,069 3 0		
Do. *Deduct* stock at the end ...	16,639 0 0	2,430 3 0	
Materials Non-consumable and Books and Dead Stock at the beginning ...	9,525 6 6		
Do. do. *Add* Purchases ...	108 12 0		
Do. out-standing liabilities ...	394 12 0		
	10,028 14 6		
Do. do. *Deduct* stock at the end.	8,762 7 6	1,266 7 0	
			70,906 1 5
Out-work			1,208 1 0
Wages		79,890 15 0	
Do. out-standing liabilities ...		946 [illegible] 0	
			80,837 2 0
Departmental Expenses—			
Rent	6,000 0 0		
Repairs to Machinery, etc.	930 9 0		
Do. out-standing liabilities ...	1,798 0 0		
Lighting	615 10 0		
Gas Charges	312 15 0		
Electric Power	1,284 15 0		
Depreciation and Repayment of Capital ...	5,487 12 0		
Interest on Capital	9,795 9 0	25,725 6 0	
General Expenses—			
Staff Salaries	31,770 13 0		
Do. out-standing liabilities ...	123 15 0		
Proportionate Share of the T. A. O.'s Salary.	2,143 2 0		
Provident Fund	5,787 2 0		
Delivery Charges	2,369 6 0		
Do. out-standing liabilities ...	4 0		
Contingencies	987 8 3		
Do. out-standing liabilities ...	60 7 6		
Telephone Charges	84 9 0		
Printing and Stationery	1,233 15 0		
Do. out-standing liabilities ...	9 9 0	44,570 10 9	
			70,296 0 9
Net Surplus			2,513 4 10
			2,25,760 10 0

Assets.

Cr.	Rs. a. p.	Rs. a. p.
Sales—		
Amounts chargeable to Departments ...	2,12,366 6 0	
Amounts recovered from Private Parties.	5,935 8 0	
	2,18,301 14 0	
Deduct Work in Progress at the beginning of the year	24,531 7 0	
	1,93,770 7 0	
Add work in Progress at the end of the year	30,516 9 0	2,24,287 0 0
Sale of Paper Cuttings. ...	...	1,473 10 0
		2,25,760 10 0

MUNICIPAL PRINTING PRESS.

Balance Sheet as at 31st March 1945.

Liabilities.

Capital—	Rs. a. p.	Rs. a. p.
(1) Advance from the Net Premia Fund ...	1,62,716 0 0	
Less—Amount repaid ...	22,804 4 0	
	1,39,911 12 0	
(2) Advance from the Surplus Cash Balance ...	4,409 0 0	1,44,320 12 0
Plant and Machinery Depreciation Fund Account ...		3,857 0 0
Out standing Advance on 31-3-1945* ...		1,06,665 12 5
Assets purchased out of Revenue ...		11,006 1 0
		2,65,849 9 5

Assets.

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Plant and Machinery		1,77,479 10 0	
Less—Depreciation upto 31-3-1945 ...		33,158 14 0	1,44,320 12 0
Plant and Machinery Depreciation Fund Investments (in respect of Machinery purchased from Surplus Cash Balance), *Vide* Contra ...	...	...	3,857 0 0
Work in Progress	...	30,516 9 0	
Stock of Paper, etc.	...	25,801 0 11	
Mono Metal—Balance as per last year ...	18,487 0 0		
Do. Additions during the year ...	582 3 0		
	19,069 3 0		
Less—Written off ...	2,430 3 0	16,639 0 0	
Materials Non-Consumable—			
Balance as per last year	6,156 5 0		
Additions during the year	408 8 0		
	6 564 13 0		
Less—Written off ...	859 9 0	5,705 4 0	
Books and Dead Stock—			
Balance as per last year	3,369 1 6		
Additions during the year	95 0 0		
	3.464 1 6		
Less—Written off ...	406 14 0	3,057 3 6	
Bills due from Departments	24,376 0 0		
Do. Private Parties	570 11 0	24,946 11 0	1,06,665 12 5
Lino Metal	...	5,688 0 0	
Dead Stock	...	5,318 1 0	11 006 1 0
			2,65,849 9 5

K. E. M. HOSPITAL

AND

SETH G. S. MEDICAL COLLEGE

:o:

"Subject: *Administration Report for the year 1944-45.*

1. The undersigned continued to hold the post of the Dean during the year.

2. Dr. C. S. Worah, M. S. (Bom.), was appointed as Honorary Assistant Surgeon from 29-5-1944 in the new post.

3. Dr. R. J. Vakil, M.D. (Lond.), M.R.C.P. (Lond.), Honorary Assistant Physician, was on leave from 29th August to 28th November 1944 and Dr. J. K. Mehta, M.D. (Bom.), M.R.C.P. (Lond.), F.C.P.S. (Bom.), was appointed as Acting Honorary Assistant Physician from 21st September 1944 in the leave vacancy.

4. Dr. M. N. Desai, D.A. (Eng.), Honorary Anaesthetist, was on leave from 14th September to 24th November 1944.

5. Dr. Miss P. C. Daroowalla, M.D. (Bom.), Honorary Gynaecologist, was on leave from 28th September 1944 to 17th May 1945.

6. During the year, the Advisory Medical Board held 9 meetings inclusive of one General Meeting of the Honorary and Professorial Staff.

THE HOSPITAL.

7. The 510 beds of the Hospital were fully occupied during the year under report. They are distributed as under :—

Department.	Men.	Women.	Children.	Total.
Medical	132	44	12	188
Surgical & Orthopaedic	126	41	16	183
Gynaecological	...	35	...	35
Ophthalmic	20	12	...	32
Aural	12	3	8	23
Skin and Venereal	18	4	2	24
Isolation	6	3	...	9
Tetanus	5	3	2	10
Casualty	6	...	...	6
Total ...	325	145	40	510

8. The total number of in-patients admitted during the year was 16,745 against 14,804 and 12,782 during 1943 and 1942, respectively.

Extension of the Hospital.

9. The programme of Hospital Extension was considerably affected by the war. No additional work was taken up during the year under report.

Number of patients treated in 1944 and the total expenditure incurred during 1944-45.

10. The statistical tables attached to this report record in detail the number, attendance, etc., in all the departments of the Hospital and the number and nature of operations performed during the period under report. So far as the in-patient work was concerned, there were often extra patients over the scheduled number in the Hospital, the maximum number of in-patients on a single day being 621 thus making their nursing and care extremely difficult.

Particulars.	Figures for the year 1944.	Figures for the year 1943.
(a) IN-PATIENTS—		
1. Scheduled strength of beds ...	510	456
2. Daily average No. of in-patients ...	547.3	481.4
3. Total No. of new in-patients treated ...	16,745.	14,804.
4. Average No. of days each patient was resident ...	10.87	10.61
(b) OUT-PATIENTS—		
1. Total No. of new out-patients ...	1,46,450.	1,32,639.
2. Daily average No. of new out-patients ...	414.	333.59
3. Total No. of out-patient attendance ...	4,75,725.	4,71,136.
4. Daily average No. of out-patient attendance ...	1542.7	1505.59
5. No. of casualty patients included in No. 1 above ...	27,155.	29,255.
(c) OPERATIONS—		
1. Total No. of operations on in-patients ...	5,606.	5,960.
2. Total No. of operations on out-patients ...	11,899.	12,067.

11. Out of the total number of 17,252 in-patients (16,745 admitted during the year under report and 507 previous year's balance), 6,418 were cured, 5,943 were discharged relieved, 2,797 either left the Hospital against medical advice or were otherwise discharged and 1,592 died leaving a balance of 502 patients at the end of the year. Out of 1,592 deaths, 519 died within the first 24 hours of admission, 336 died after 24 hours but within 3 days of admission and the remaining 737 after 3 days of admission into the Hospital.

12. It may be mentioned that the highest number of out-patient attendance on any one day during the year 1944 was 2,280, the highest number of new admissions in the out-door department on a single day being 653. Likewise the highest number on a single day of old cases treated was 1,537, of casualty cases 255 and of in-patients admitted 137.

13. The total expenditure incurred on the maintenance of the Hospital during the year including liabilities outstanding at the end of the year and exclusive of cost of the extension scheme, approximately amounted to Rs. 10,76,905 including grain compensation allowance of Rs. 1,12,271. This expenditure includes the cost of maintenance and treatment of in-patients, the cost of the out-patient department, of the resident medical, nursing and labour staff as well as that of the administration and of the maintenance and repairs of buildings, etc.

14. The following table illustrates the relative cost per in-patient and out-patient per day during 1944-45, 1943-44 and 1942-43 respectively.

Particulars.	1944-45.	1943-44.	1942-43.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(a) Average cost per in-patient per day	4 3 4	3 15 10	3 4 8
(b) Average cost per in-patient admission	50 14 11	46 11 10	42 6 1
(c) Average cost per out-patient attendance	0 7 11	0 7 2	0 7 2
(d) Average cost per out-patient admission	1 9 6	1 8 5	1 9 11

15. The details of the cost per in-patient per day, for 1944-45, 1943-44 and 1942-43 will be seen from the following table :—

Year.	Diets.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and Engineering.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1944-45 ...	0 14 11	0 10 9	0 2 8	0 2 3	0 1 10	1 15 7	0 3 4	4 3 4
1943-44 ...	0 13 10	0 10 2	0 2 6	0 2 5	0 1 4	1 14 10	0 2 9	3 15 10
1942-43 ...	0 8 10	0 8 6	0 2 11	0 2 6	0 1 6	1 10 2	0 2 3	3 4 8

16. The following table gives the average cost of every new out-patient admission completely treated during the year in comparison with that for the previous two years :—

Year.	Drugs, dressings. etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and Engineering	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1944-45	0 8 11	0 0 11	0 0 4	0 0 6	0 14 6	0 0 4	1 9 6
1943-44	0 8 4	0 1 1	0 0 4	0 0 5	0 13 11	0 0 4	1 8 5
1942-43	0 7 10	0 1 2	0 0 5	0 0 7	0 15 4	0 0 7	1 9 11

It may be stated that the actual cost incurred on patients (in-patients as well as out-patients) under drug surgical appliances, etc., is exclusive of the cost of the expensive drugs, injections, blood transfusions etc., met out of the Poor Box Charity Fund amounting to Rs. 25,185-9-6 during the year as was done in previous years. A reference in this connection is invited to paragraph 27 below and to Appendix No. 20.

Motor and Mill accident cases.

17. The following table indicates the number of motor and mill accident cases treated during the year in comparison with that of the previous years :—

—	Motor Accidents.				Mill Accidents.			
	Treated in the casualty department.		Admitted.		Treated in the casualty department.		Admitted.	
	1944.	1943.	1944.	1943.	1944.	1943	1944.	1943.
Male ...	378	461	105	162	4,263	3,199	168	131
Female ...	51	51	19	24	121	99	4	1
Children { Male	40	55	9	19	...	...	...	...
Children { Female	22	20	8	11	...	...	...	...
Total ...	491	587	141	216	4,384	3,298	172	132

18. 5,655 certificates under the Workmen's Compensation Act and 879 certificates with medical opinion were issued during the year.

19. 146 cases were treated in the Hospital for poisoning and 78 for animal bites during the year with the results as shown below :—

Nature of poisons.	Cured.	Relieved.	Otherwise.	Died.	Total.
Metals and their salts ...	3	4	1	...	8
Non-metals and their compounds ...	14	2	...	3	19
Organic poisons ...	64	14	5	3	86
Food poisoning ...	16	...	3	...	19
Poisonous gases and vapours ...	6	6	2	...	14
Unknown poisons ...	...	...	...	...	...
Total ...	103	26	11	6	146
Animal bites ...	57	9	9	3	78

Nursing Staff.

20. The arrangement of sending two nurses to the Arthur Road Hospital for attendance on fever cases every two months was continued during the year.

21. During the year 64 nurses were trained out of whom 50 have passed the nursing examination held by the Bombay Nurses, Midwives and Health Visitors' Council.

22. The cost of the nursing establishment works out at Rs. 104-13-7 per nurse, per mensem, against Rs. 108-2-0 in the preceding year. It includes not only the cost of salaries, uniform and dhobi allowances and honoraria paid to the medical staff giving instruction in the nursing school, but also their mess charges, the cost of electric energy consumed and repairs to their quarters, household linen, and crockery. The *pro-rata* rent for quarters provided to the menial staff employed in the Nurses' Home and the Municipal Provident Fund contributions are not included in the above figures.

Nurses Welfare Fund.

23. The Nurses' Welfare Fund inaugurated for promoting the welfare of the nursing staff of this Hospital continued to be of material help to them. Thanks are due to the ladies helping in the maintenance of this Fund and for the keen interest they have taken in the welfare of the nursing staff during the year and to all those firms and individuals who have contributed towards the Fund either in cash or in kind.

24. Thanks are also due to the Proprietors of the 'Nawakal' for the supply of a copy of their daily newspaper at a reduced rate of subscription.

SCHOOL CLINIC.

25. The treatment of school children attending the Municipal primary schools was continued during the year. 1,255 new children were treated in the different departments of the Hospital in addition to a large number of children who began their treatment in the previous year. The total number of children treated in the year was 8,799 as against 11,535 treated in the previous year. 81 School children were operated upon in the Aural department and 24 in the Ophthalmic department. 4 Fractures were corrected and treated. Refraction of vision was done in 84 cases and glasses were prescribed to 75 children including 5 to whom pairs of dark glasses were given. 1 Child was given an eye shade. 6 children were admitted as in-patients and were treated for various disorders. 6 Cases of trachoma and phlyctenular conjunctivitis were treated with tuberculin Injection with encouraging results. 20 Children suffering from cervical adenitis were treated with ultra-violet rays along with cod-liver oil etc. The children were screened and x'ray plates were taken where-ever necessary. Laboratory investigations were also done for a large number of children. 1 Case of dog-bite and 1 case of monkey-bite were referred to the Haffkine Institute for treatment.

26. The total cost of the Clinic at the K.E.M. Hospital amounted to Rs. 10,103-3-0. A detailed report of the School Clinic has been forwarded to the Executive Health Officer.

Poor Box Charity Fund.

27. The Poor Box Charity Fund from which relief is rendered to poor patients by providing them with spectacles, crutches, artificial limbs, travelling expenses, etc., has received steady support from the public as well as from the patients of this Hospital, as will be seen from Appendix No. 20. Besides relief in the shape of blood transfusion, costly drugs, medicines, injections, travelling expenses etc., the following appliances, were provided to 88 patients at a total cost of Rs. 810-0-0 as shown below :—

Particulars.	Nos.	Particulars.	Nos.
Elephant boots ...	2	Thomas's collar ...	1
Hernia trusses ...	9	Abduction Splint with head trachimeter ...	1
Artificial legs ...	5	Crutches adjustable ...	1
Dentures ...	2	Walking sticks with rubber tips ...	2
Abdominal belt ...	1	Abdominal support for hernia after operation...	1
Pilchers bags ...	1 pair	Spectacles ...	63 pairs.

28. It may be added that it was possible to provide blood transfusion to 152 cases during the year under report with the help of donors to whom payment was made from this Fund.

29. The following donations were received and acknowledged with thanks during the year:—

Srial No.	Name.	Amount. Rs. a. p.
	The Secretary, Mill-owners' Association, Bombay ...	1,400 0 0
2	Manak S. Velinkar, Esq. ...	1,200 0 0
3	V. H. Hazrat, Esq. ...	1,000 0 0
4	Dr. Francis Collaco ...	1,000 0 0
5	Messrs. Jam Manufacturing Company, Ltd.	1,000 0 0
6	Messrs. Volkart Brothers ...	700 0 0
7	The General Secretary, Indian Red Cross Society ...	605 8 0
8	The Secretary, American Women's Club of India ...	600 0 0
9	Messrs. Bombay Dyeing & Manufacturing Co.	501 0 0
10	Messrs. General Motors (India), Ltd. ...	450 0 0
11	Messrs. Burmah Shell Oil Storage & Distributing Company (India), Ltd. ...	400 0 0
12	Bapalal J. Mehta, Esq. ...	300 0 0
13	H. D. Billimoria, Esq. ...	300 0 0
14	Messrs. Killick Nixon & Co. Agents Kohinoor Mills, Ltd. ...	300 0 0
15	Messrs. Bombay Electric Supply and Tramways Co. Ltd. ...	300 0 0
16	Messrs. Madhavji Dharamsi Manufacturing Co. Ltd. ...	250 0 0
17	Sir Shapurji Broacha Mills, Ltd. ...	250 0 0
18	Ismail Mahomed Kasam, Esq. ...	250 0 0
19	The Managing Trustee, Seth Bhaidas Sakhidas Charity Fund ...	240 0 0
20	Messrs. Saksaria Cotton Mills, Ltd. ...	201 0 0
21	A. D. Engineer, Esq. ...	201 0 0
22	Messrs. Standard Vaccum Oil Company ...	200 0 0
23	V. G. Mokashi, Esq. ...	200 0 0
24	S. S. Sawaba, Esq. ...	200 0 0
25	The Agents, Western India Spinning and Manufacturing Co. Ltd. ...	200 0 0
26	The Agents, Hindustan Spinning and Weaving Mills, Ltd. ...	200 0 0
27	The Agents, Indian Manufacturing Co. Ltd.	200 0 0
28	Raja Dhanaraj, Esq. ...	200 0 0
29	The members of the Concord of S. S. "Dampur". ...	180 0 0
30	Dr. D. N. Daftary ...	150 0 0
31	Raja Yog Singh, Esq. ...	149 6 0
32	Laxman Narsappa Padamsali, Esq. ...	125 0 0
33	Govind Prasad, Esq. ...	120 0 0
34	Dr. I. S. Patel ...	120 0 0
35	Messrs. Rotary Club of Bombay ...	115 0 0
36	Meer Zahud Hussein Shah, Esq. ...	105 0 0
37	The Manager, Habib Bank, Ltd. ...	101 0 0
38	Messrs. Zandu Pharmaceutical Works Co. Ltd. ...	101 0 0
39	The Director, J. L. Morrison Son Jones (India), Ltd. ...	101 0 0
40	Messrs. Tata Mills, Ltd. ...	100 0 0
41	Shamji Nathoobhoy, Esq. ...	100 0 0
42	Messrs. Digvijay Spinning & Weaving Co. Ltd. ...	100 0 0
43	Messrs. Modern Mills, Ltd. ...	100 0 0
44	Messrs. Mysore Chemical & Soap Works ...	100 0 0
45	S. H. Merchant, Esq. ...	100 0 0
46	Messrs. F. M. Chinoy & Co. ...	100 0 0
47	Mrs. Margaret M. Pakenham ...	100 0 0
48	Messrs. Tata Sons, Ltd. ...	100 0 0
49	Messrs. H. J. Foster & Co. Ltd. ...	100 0 0
50	Messrs. Finlay Mills, Ltd. ...	100 0 0
51	Messrs. The Swan Mills, Ltd. ...	100 0 0
52	Messrs. Tata Mills, Ltd. ...	100 0 0
53	Abdul Aziz Patel, Esq. ...	100 0 0
54	Mrs. C. Jagose ...	75 0 0
55	A. N. Limaye, Esq. ...	60 0 0
56	Messrs. F & C. Osler, Ltd. ...	60 0 0
57	Mahomedbhoy M. Rowjee, Esq. ...	51 0 0
58	The Manager, Morarji Gokuldas Spinning & Weaving Co. Ltd. ...	51 0 0
59	T. B. Daroowala, Esq. ...	51 0 0
60	M. P. Nadkarni, Esq. ...	51 0 0
61	Amulakh Harilal Shah, Esq. ...	51 0 0
62	Messrs. Jeewanlal (India), Ltd. ...	51 0 0
63	N. D. Arwan, Esq. ...	51 0 0
64	Sohrab Mody, Esq. ...	51 0 0
65	N. C. Dalal, Esq. ...	51 0 0
66	V. R. Bagwe, Esq. ...	50 0 0
67	Messrs. Indian Oxygen & Acetylene Co. Ltd.	50 0 0
68	The Secretary, Maharaja of Banswara State	50 0 0
69	Ghelabhai H. Kothari, Esq. ...	50 0 0
70	Messrs. Godrej & Boyce Manufacturing Co. Ltd. ...	50 0 0
71	Dr. H. S. Chaturvedi ...	50 0 0
72	Dr. G. L. Waingankar ...	50 0 0
73	The Manager, Comptoir National D'Escompte de Paris ...	50 0 0
74	The Director, Gannon Dunkerley & Co. ...	50 0 0
75	Messrs. Martin & Harris, Ltd. ...	50 0 0
76	Govind Pandurang Barve, Esq. ...	50 0 0
77	S. J. Kantak, Esq. ...	50 0 0
78	Dr. R. G. Dhayagude ...	50 0 0

Other minor donations of less than Rs. 50 are not shown above.

The College.

During the year under report, 86 fresh admissions were made in June, 1944. An educational survey of these students shows that their average age at the time of their admission was 19.6; it being 17.0 when they matriculated. The corresponding ages in the previous year were 19.5 and 17.0 years, respectively, 85 of these students were single, and 1 betrothed. A statistical study of the occupations of the parents or guardians of the newly admitted students showed that 26 were dependent on service, 18 on business, 15 on medical profession, 6 on legal profession, 11 on pensions, 2 on landed property and 8 on miscellaneous occupations.

The number of undergraduate students on the College roll at the close of the year was 491, which included 114 lady students, and that of post-graduate and research students was 76 as shown below :—

		Male students.	Female students.
1st M.B., B.S. 1st year	...	57	30
do. 2nd year	...	88	34
2nd M.B., B.S. 3rd year	...	62	13
3rd M.B., B.S. 4th year	...	63	14
do. 5th year	...	107	23
Total number of students	...	377	114
Post-graduates including research students	...	72	4
Grand total	...	449	118

Thanks are due to the authorities of the Bai Jerbai Wadia Hospital for Children for the continuation of the facilities given to the students of this College for clinical instruction in the diseases of children at that Hospital during the year under report.

In accordance with the scheme of examining students medically, as inaugurated by the University of Bombay, out of 492 students so examined 315 students (64 per cent.) were placed under class 'A,' 176 (35.8 per cent) in class 'B' and 1 (.2 per cent) in class 'C'; the percentages of students classified as belonging to 'A', 'B' and 'C' classes during the year 1943-44 being 68.3, 31.5 and .2 respectively. Those whose condition required treatment, were referred to the Honorary Staff of the K. E. M. Hospital.

The results of the various examinations for which students were sent up by the College are summarised below :—

Examinations.		Candidates sent up.	No. of passing the whole examination.
1st M.B.B.S.	April 1944	96	40
	Oct. 1944	64	37
2nd M.B.B.S.	April 1944	51	51
	Oct. 1944	29	20
3rd M.B.B.S.	April 1944	105	30
	Oct. 1944	95	54
M.D. (Medicine)	April 1944	7	3
	Oct. 1944	5	1
M.D. (Pathology)	April 1944	3	2
	Oct. 1944	2	1
M.D. (Midwifery)	April 1944	2	...
	Oct. 1944	5	...
M.S.	June 1944	8	2
	Oct. 1944	10	...
D.O.	June 1944	...	...
	Oct. 1944	1	1
D.O.M.S.	June 1944	5	3
	Dec. 1944	5	1
F.C.P.S.	April 1944	4	3
Ph.D.	April 1944	1	1

Annual Cost and Revenue.

The total expenditure of the college, including the expenditure on the hostels, came to Rs. 2,62,375 during the year under report as against Rs. 2,66,386 during the year 1943-44. In addition to the above expenditure the amount spent on payment of dearness allowance came to Rs. 26,158 during the year under report. The revenue of the college in the form of tuition fees, hostel rent and miscellaneous receipts amounted to Rs. 1,35,433 as aginst Rs. 1,31,367 during the year 1943-44. The gross cost per student for the year was Rs. 534.4 while the net cost worked out at Rs. 258.5 as compared with the corresponding figures of Rs. 535 and Rs. 271 respectively, for the year 1943-44. The amount of fees received from the post-graduate students was Rs. 5,745.

Library and Museum.

During the year under report 210 new books were added to the College Library as against 174 in the preceding year. Of these 15 books were presented to the Library by their authors as complimentary copies. Mr. K. A. Dalal, a student of this College, presented 3 books to the library and Prof. A. S. Paranjpe, M.D. (Hield) presented one book for which our grateful thanks are due to them. The number of books issued to the medical students was 19,548 as against 18,700 in the preceding year. 3,489 books and journals were issued to members of the Teaching Staff of the College and Resident Medical Officers of the K. E. M. Hospital.

25 New wet and dry specimens were added to the Anatomy Museum during the year under report and 50 old specimens were renewed. The total number of specimens in the Anatomy and Comparative Anatomy

Section now comes to over 1,650. The present space in the Museum is found quite insufficient to keep more specimens and the museums will have to be extended as early as possible.

A number of specimens which have been collected could not be mounted owing to the difficulty of getting museum jars. Only 27 new specimens were added bringing the total number of specimens in the Pathology Museum to over 1,435. The total number of dia-positives exhibited in the Museum, were 148 at the end of the year.

In the Artist Department 503 photographs of patients, specimens etc., were taken during the year 1944.

Students Hostels.

The number of students residing in the Hostel for male Students during the year under report was the same as in the preceeding year *viz.* 146.

The number of women students resident in the Women Students' Hostel during the year under report was also the same as in the previous year *viz.*, 28. Accomodation was provided to 16 more women students in the vacant rooms in the new Nurses' Home. Both the Hostels were thus fully occupied and some of the applications for rooms had to be rejected for want of vacancies. An urgent need for the extension of both the Hostels is now keenly felt.

The total expenditure incurred on the Hostels was Rs. 12,738 while the income derived in the form of rent was Rs. 18,342.

Gymkhana.

The College Gymkhana took part as usual in Inter-Collegiate Tournaments during the year under report. A combined medical team, consisting of Gordhandas Sunderdas Medical and Grant Medical players entered the Bombay and Parel Hockey League Tournaments and won the B-division Hockey League. In the inter-collegiate sports Mr. George Fernandez secured the first place in discus throw and maintained his reputation by again winning the same place in the inter-group sports held at Belgaum.

Research.

The different departments of the College and the Hospital had, in additon to their normal teaching and other work, the following investigations in hand during the year:—

(1) *Use of bacteriophage in typhoid fever.*

(This enquiry is being carried out with the hlep of a grant from the Seth G. S. Medical College and K.E.M. Hospital Research Fund).

The work on Bacteriophage therapy in typhoid fever is continued. So far about 25 cases have been observed with adequate controls and it would be necessary to observe at least another 25 cases before the results could have any value. Our thanks are due to the Superintendent of Arthur Road Hospital for his co-operation in this work.

(2) *Variation in the Virulence of M. Tuberculosis.*

(This enquiry is being conducted under the auspices of the Indian Research Fund Association).

The results obtained so far indicate that there is a difference in the virulence of different strains of human M. Tuberculosis. It cannot, however, be correlated to the clinical condition of the patients from whom these strains are isolated. Further work on this problem is still being carried on.

(3) *Enquiry on "Anaerobic Wound Infections".*

(This enquiry is being conducted under the auspices of the Indian Research Fund Association).

This enquiry is still in progress. An attempt is being made to estimate colorimetrically the different enzymes produced by toxic and atoxic strains of Cl. Welchii.

(4) *Bacteriological and Bio-chemical study of the Aroma Producing Micro-organisms in Butter, Curds and other Milk Products.*

(This enquiry is being carried out with the help of a grant from the Seth G. S. Medical College and K. E. M. Hospital Research Fund).

Different factors concerned in the production of maximum aroma in samples of butter, have been worked out. Employment of pure starters incorporating strains of streptococci which produce diacetyl and its combination with other lactic acid bacilli in certain proportion together with the adjustment of the acidity appear to be the main important factors which are concerned in the development of good aroma in samples of butter and ghee.

(5) *Optimum and Minimum requirements of Dietary fact.*

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

(i) *Experiments on rats.*

Growth experiments are being conducted on rats by feeding them on butter fat, hydrogenated groundnut oil and refined groundnut oil. Metabolic experiments have been done on rats by feeding butter fats at 5, 12 and 19 per cent. levels.

(ii) *Human experiments.*

The rates of absorption of different fats in human subjects are being studied by chylomicron count technique.

(6) *Biological value of Soya bean and other pulse proteins.*

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

The biological values of proteins of three new varieties of Soya bean have been compared with those of common pulse proteins. Vitamin A, B1, B2, Nicotinic acid and carotene contents of these varieties of Soya bean together with those of Bengal gram have been estimated.

(7) *Analysis of Foodstuffs.*

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

Analyses of certain foodstuffs not commonly known outside the Province, are being done for the proximate principles and vitamins.

(8) *Researches on Vitamin* 'D'.

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

A study of induced rickets in dogs and rats is in progress in order to find out the metabolism of the epiphyseal cartilage of rachitic and normal bones '*in vitro*' by micro respiration technique.

(9) *Studies on Phosphatase activity in serum in normal and rachitic animals.*

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

Investigations are in progress on dogs and rats to study the correlation between the ionic product of Calcium phosphate and the phosphatase activity in serum.

(10) *Time constants of excitation and accommodation in Nerves.*

(This enquiry is being carried out with the help of grant from the Seth G. S. Medical College and K. E. M. Hospital Research Fund).

The study is being made by using linear and exponential currents. The effects of ions such as K. Ca, Cl, SO_4, etc., on the value of above constants are being investigated.

(11) *Enquiry into the incidence and casuation of Glycosuria of pregnancy.*

(This enquiry is being carried out with the help of grant from the Seth G. S. M. College and K.E.M. Hospital Resarch Fund.

540 cases of pregnancy have been studied and the enquiry has been concluded. It was found that the glycosuria was due to some toxic factor associated with the deficiency of Ca and Vitamin C, in the maternal blood. The foetus abstracts large quantities of these materials during the later months of pregnancy, and lowers the Ca and Vitamin C, contents of the maternal blood. In those cases in which women subsist on a diet poor in these constituents, the deficiency of blood Ca, and Vit. C brings about a state of renal glycosuria which disappears on administration of suitable doses of Vitamin C and Ca.

Articles on medical subjects were published by the members of the Honorary, Professorial and other staff during the year as mentioned below. The articles published in the College Magazine are not included herein :—

Serial No.	Name of the article.	Contributed by	Name of the Journal publishing it
1	Some observations on Tetanus ...	Dr. N. K. Sahiar, M.D., M.R.C.P. (Lond.)	Indian Physician, April 1944.
2	Congestive Cardiac failure its management ...	Dr. P. Raghavan, M.D. (Bom.) ...	Antiseptic, March 1945.
3	Filariasis (Read before the Second Bombay Medical Congress, 1944).	Dr. A. V. Baliga, F.R.C.S. (Eng.) ...	Medical Bulletin, August 5, 1944.
4	Regional Ileitis (Read before the Second Bombay Medical Congress, 1944).	Dr. V. M. Kaikini, F.R.C.S. (Edin.) ...	Medical Bulletin, August 18, 1944.
5	Surgery of the Thyroid Gland (Read before the G.S. Medical College Staff Society).	Dr. K. G. Munsif, F.R.C.S. (Eng.) ...	Indian Physician, September 1944.
6	Sub-conjunctival Injections of Soluseptasin in Ocular Sepsis.	Dr. S. N. Cooper, D.O., D.O. M.S. (Eng.)	Indian Physician, May 1944.
7	Evolution of a Common Sex Symbol ...	Dr. K. A. J. Lalkaka, M.B., B.S. ...	Indian Physician, November 1944.
8	Six cases of Kala-Azar in Bombay—Sodium Antimony V Gluconate in its treatment.	Dr. J. C. Patel, M.D., M.R.C.P. (Lond.), Ph.D. (Lond.).	Do. do.
9	Blood transfusion ...	Dr. J. K. Mehta, M.D., M.R.C.P. (Bom.)	Indian Physician, February 1945.
10	Perforated Peptic Ulcer of the Stomach and Duodenum.	Dr. P. K. Sen, M.S. (Bom.) ...	Indian Physician, January and February 1945.
11	Convulsion Therapy in Mental disorders ...	Dr. N. S. Vahia, M.D. (Bom.) ...	Indian Physician, August 1944.
12	The Role of Anaerobic Streptococii during pregnancy, Labour and Puerperium.	Dr. B. N. Purandare, M.D. (Bom.), F.R.C.S. (Edin.).	Indian Physician, June 1944.
13	The Value of Sulphonamide Drugs in Medicine	Prof. A. S. Paranjpe, M.D. (Heidelburg), L.R.C.P., D.T.M. & H. (Lond.).	Medical Press and Circular, London, July 12, 1944.
14	Review of Pharmacological Researches in India during 1943.	Do. do. ...	Annual Review of Biochemical and Allied Research in India, 1944.
15	Erythroblastic Anaemia of Cooley (Familial Erythroblastic anaemia).	Prof. R. G. Dhayagude, M.D. (Bom.) ...	American Journal of Diseases of Children, April 1944.
16	Behaviour of Typhoid Bacteriophage in the presence of body fluids and exudates.	Do. do. ...	Read before the Indian Science Congress, Nagpur, January 1945.
17	Structural Abnormalities ...	Prof. G. M. Kurulkar, M.B., B.S. ...	Indian Physician, December 1944.
18	Preliminary Report on the Third Gujerat Pre-historic Expedition and Human Remains discovered so far.	Do do	Published by the Deccan College Research Institute Poona.
19	Studies in Calcium and Phosphorus Metabolism Part VI.	Dr. V. N. Patwardhan, M.Sc., Ph.D. (Lond.).	Indian Journal of Medical Research May 1944.
20	Studies on Basal Metabolism in India ...	Do. do. ...	Special Report published by the Indian Research Fund Association, New Delhi, December 1944.
21	Basal Metabolism of Indians (Read before the G.S. Medical College Staff Society).	Do. do. ...	Indian Physician, October 1944.

Special classes for D.O. and D.O.M.S. were held during the year as in previous years.

With a view to organizing post-graduate training in Medical subjects an attempt has been made at this college from the year under report to take two courses of 3 months and one months' duration in a year in Surgery for the M.S. examination.

The Co-operative Credit Society, Ltd.

The Co-operative Credit Society of the labour staff of the Hospital and the College worked satisfactorily and continued to be in 'A' class in the classification of the Registrar of Co-operative Societies. The total number of members on the roll at the end of March 1945 was 372 against 345 on the corresponding date of the previous year. 70 new members joined the Society and 43 left it during the period owing to the death and termination of service.

The share capital of the Society increased from Rs. 17,658-5-0 to Rs. 27,207-13-0. The amount of loans granted was Rs. 39,795-0-0 and that refunded was Rs. 27,488-0-0. The average amount of loan granted was Rs. 165. The Society held no deposits from outsiders since its inception.

The Society held its last Annual General Meeting on 11th October 1944, and declared a divident of 5 per cent. for the year ending 30th June, 1944. The net profit during the year ending 30th June, 1944, amounted to Rs. 1,444-14-3. The Reserve Fund of the Society on 31st March 1945, stands at Rs. 2,383-11-6 and the total of other funds at Rs. 1,334-0-6.

The accounts of the Society have been checked by the Government Auditor up to 31st December, 1944.

R. P. KOPPIKAR,
Dean.

INDEX OF APPENDICES.

APPENDIX No. 1.

THE COLLEGE AND HOSPITAL SENIOR STAFF.

Dean.

R. P. KOPPIKAR, ESQ., M.S. (Bom.), F.C.P.S. (Bom.).

Assistant Dean.

V. V. JADHAV, ESQ., M.B.B.S. (Bom.).

Assistant Medical Officers.

V. H. MAJMUDAR, ESQ., B.SC., M.B.B.S. (Bom.). On leave preparatory to retirement from 1-12-43 to 31-5-44.
S. V. JOGLEKAR, ESQ., M.B.B.S. (Bom.)
G. S. AMBARDEKAR, ESQ., M.B.B.S. (Bom.). From 1-12-1943.

Professor of Anatomy.

R. P. KOPPIKAR, ESQ., M.S., (Bom.) F.C.P.S. (Bom.).

Assistant Professor of Anatomy.

G. M. KURULKAR, ESQ., M.B.B.S. (Bom.).

Professor of Physiology.

S. P. NIYOGI, ESQ., M.SC., M.B. (Cal.).

Assistant Professor of Bio-chemistry.

V. N. PATWARDHAN, ESQ., M.SC. (Bom.), Ph. D. (Lond.), A.I.I.SC.

Assistant Professor of Physiology.

A. FERNANDEZ, ESQ., M.B.B.S. (Bom.).

Professor of Pharmacology and Materia Medica.

A. S. PARANJPE, ESQ., M.D. (Heidl.), D.T.M. (Lond.), M.B., Ch. B. (Edin.).

Professor of Pathology and Bacteriology.

R. G. DHAYAGUDE, ESQ., M.D. (Bom.).

Assistant Professors of Pathology and Bacteriology.

B. M. AMIN, ESQ., M.D. (Bom.) Resigned from 25-3-45.
Y. M. BHENDE, ESQ., M.D. (Bom.)
L. MONTEIRO, ESQ., M.D. (Bom.). Appointed from 25-3-1945.

Honorary Physicians and Lecturers in Medicine.

N. D. PATEL, ESQ., M.D. (Lond.), M.R.C.P. (Lond.).
N. K. SAHIAR, ESQ., M.D. (Lond.), M.R.C.P. (Lond.).
ABDUL HAMEED, ESQ., M.D. (Bom.).
MANGALDAS J. SHAH, ESQ., M.B.B.S. (Bom.), M.R.C.P. (Lond.), D.T.M. & H. (Lond.).
P. RAGHAVAN, ESQ., M.D. (Bom.).

Honorary Assistant Physicians and Lecturers in Medicine.

R. J. VAKIL, ESQ., M.D. (Lond.), M.R.C.P. (Lond.), F.R.F.P.S.
J. C. PATEL, ESQ., M.D. (Bom.), M.R.C.P. (Lond.).
E. R. DEMELLO, ESQ., M.D. (Bom.).

Honorary Surgeons and Lecturers in Surgery.

R. N. COOPER, ESQ., M.S., (Lond.), F.R.C.S. (Eng.), F.C.P.S. (Bom.).
V. M. KAIKINI, ESQ., B.A., M.B.B.S. (Bom.), F.R.C.S. (Edin.), F.C.P.S. (Bom.).
A. V. BALIGA, ESQ., F.R.C.S. (Eng.).
K. G. MUNSIF, ESQ., M.B.B.S. (Bom.), F.R.C.S. (Eng.).
G. M. PHADKE, ESQ., M.B.B.S. (Lond.) F.R.C.S. (Eng.)
M. M. PANDYA, ESQ., M.B.B.S. (Bom.), F.R.C.S. (Eng.)

Honorary Assistant Surgeons and Lecturers in Surgery.

ARTHUR E. DESA, ESQ., M.B.B.S., (Bom.), F.R.C.S. (Eng.).
S. H. CHITNIS, ESQ., M.S. (Bom.).
R. G. GINDE, ESQ., M.S., (Bom.).
P. K. SEN, ESQ., M.S. (Bom.)
R. H. KARMARKAR, ESQ., (Bom.), F.R.C.S. (Eng.).
C. S. WORAH, ESQ., M.S. (Bom.), from 29th May, 1944.

Honorary Orthopaedic Surgeon.

R. J. KATRAK, ESQ., B.A., B.SC., (Bom.), F.R.C.S. (Eng.), M.CH. Orthopaedics (Liverpool).

Honorary Assistant Orthopaedic Surgeon.

A K. TALWALKAR, ESQ., M.B.B.S. (Bom). F.R.C.S. (Eng.).

Honorary Aural Surgeon and Lecturer in Ear, Nose and Throat.

HOMI D. GANDHI, ESQ., M.B.B.S.(Bom.), F.R.C.S. (Eng.).

Honorary Assistant Aural Surgeon.

S. G. JOSHI, ESQ., M.S. (Bom.).

Honorary Gynaecologists and Lecturers in Gynaecology and Obstetrics.

MISS P. C. DAROOWALLA, M.D. (Bom.).
SIR MANGALDAS V. MEHTA, KT., O.B.E., B.A., F.C.P.S.I., F.C.P.S., F.R.C.O.G., (Lond.), *Ex-Officio* Honorary Lecturer in Obstetrics.
K. M. MASANI, ESQ., M.D. (Lond.), F.R.C.S. (Eng.).

Honorary Assistant Gynaecologist.

B. N. PURANDARE, ESQ., M.D. (Bom.), F.R.C.S. (Edin.).

Honorary Ophthalmic Surgeon and Lecturer in Ophthalmology.

S. N. COOPER, ESQ., M.B.B.S., D.O. (Bom.), D.O. (Oxon), D.O.M.S. (Lond.).

Honorary Assistant Ophthalmic Surgeon.

C. B. DHURANDHAR, ESQ., D.O. (Bom.)

Honorary Radiologist and Lecturer in Radiology and Electro-therapy.

J. L. DESAI, ESQ., M.B.B.S. (Bom), D.M.R.E. (Cantab.).

Honorary Assistant Radiologist.

Z. J. JOSEPH, ESQ., M.D. (Bom.), D.M.R.E. (Cantab.).

Honorary Anaesthetist and Lecturer in Anaesthesia.

MOKSHA MADAN DESAI, ESQ., D.A. (Eng.).

Honorary Dental Surgeon and Lecturer in Dentistry.

D. M. DESAI, ESQ., L.D.S., R.C.S. (Eng.).

Honorary Assistant Dental Surgeon.

J. A. AVASIA, ESQ., L.D.S., R.C.S. (Eng.).

Honorary Dermatologist and Venereologist and Lecturer in Dermatology and Venereology.

A. C. REBELLO, ESQ., M.B.B.S. (Bom.), D.T.M. & H. (Lond.).

Honorary Assistant Dermatologist and Venereologist.

J. A. FERNANDEZ, ESQ., L.R.C.P. (Lond.), M.R.C.S. (Eng.), M R.C.P. (Edin.).

Honorary Lecturer in Medical Jurisprudence and Toxicology.

V. V. JADHAV, ESQ., M.B.B.S. (Bom.).

Honorary Lecturer in Hygiene and Preventive Medicine.

B. C. DAS-GUPTA, ESQ., B.SC. (Hon.), (Cal.), M.B. (Cal.), M.R.C.P. (Ireland), D.T.M. & H. (Lond.) D.P.H. (Lond.).

Honorary Lecturer in Psychiatry.

K. A. J. LALKAKA, ESQ., M.B.B.S. (Bom.)

APPENDIX No. 2.

Summary of in-patients treated at the K. E. M. Hospital during the year 1944 classified according to departments and sex with results.

Department.	Sex.	In Hospital on midnight of 31-12-43.	Admitted during the year.	Total.	Discharged during the year.	Died during the year.	In Hospital on midnight of 31-12-44.
Medical ...	Male ...	153	4,969	5,122	4,309	691	122
	Female ...	37	1,173	1,210	950	219	41
	Children—						
	Male ...	11	285	296	206	81	9
	Female ...	5	191	196	130	62	4
Surgical ...	Male ...	104	3,879	3,983	3,584	290	109
	Female ...	37	815	852	728	92	32
	Children—						
	Male ...	7	235	242	208	31	3
	Female ...	4	124	128	102	23	3
Ophthalmic ...	Male ...	16	512	528	512	...	16
	Female ...	6	273	279	268	...	11
	Children—						
	Male ...	1	16	17	16	...	1
	Female ...	...	3	3	3	...	...
Gynaecological ...	Female ...	31	792	823	784	17	22
Aural ...	Male ...	11	816	827	805	13	9
	Female ...	3	477	480	468	3	9
	Children—						
	Male ...	...	277	277	270	6	1
	Female ...	1	223	224	220	2	2
Orthopaedic ...	Male ...	42	902	944	843	40	61
	Female ...	10	219	229	201	14	14
	Children—						
	Male ...	1	103	104	94	2	8
	Female ...	1	44	45	39	1	5
Skin ...	Male ...	19	321	340	323	3	14
	Female ...	3	65	68	63	2	3
	Children—						
	Male ...	...	13	13	12	...	1
	Female ...	4	18	22	20	...	2
Dental ...	Male ...	...	...	...	...	...	...
	Female ...	...	...	...	...	...	...
	Children— ...	...	...	...	...	...	...
	Male	...	...	...	...	...	...
	Female	...	...	...	...	...	...
Total	Male ...	345	11,399	11,744	10,376	1,037	331
	Female ...	127	3,814	3,941	3,462	347	132
	Children—						
	Male ...	20	929	949	806	120	23
	Female ...	15	603	618	514	88	16
GRAND TOTAL ...		507	16,745	17,252	15,158	1,592	502

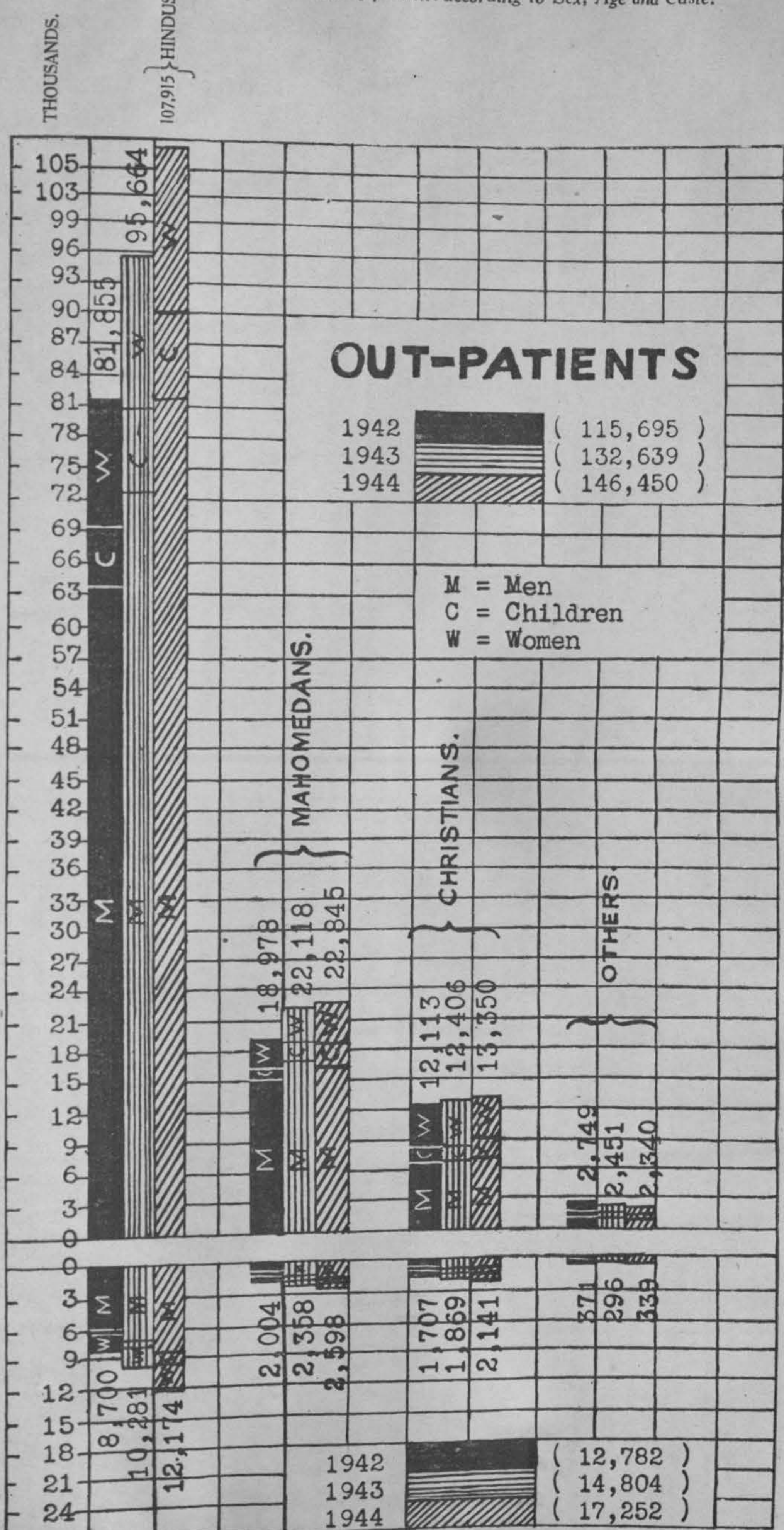
APPENDIX No. 3.

Summary of out-patients classified according to departments and the sex for the year 1944.

Department.	Sex.	O. P. D. new cases.	Casualty cases	Total of O. P. D. and Casualty cases.	Old cases.	Grand Total.
Medical ...	Male ...	26,521	541	27,062	62,038	89,100
	Female ...	8,342	113	8,455	20,892	29,347
	Children—					
	Male ...	2,287	73	2,360	2,577	4,937
	Female ...	1,784	36	1,820	1,897	3,717
Surgical ...	Male ...	24,454	17,838	42,292	80,687	1,22,979
	Female ...	3,968	1,974	5,942	19,279	25,221
	Children—					
	Male ...	1,338	974	2,312	2,345	4,657
	Female ...	704	387	1,091	1,662	2,753
Ophthalmic ...	Male ...	7,269	2,435	9,704	15,450	25,154
	Female ...	1,703	73	1,776	7,899	9,675
	Children—					
	Male ...	413	24	437	743	1,180
	Female ...	355	20	375	616	991
Gynaecological ...	Female ...	3,460	13	3,473	13,600	17,073
	Female (children) ...	10	1	11	...	11
Dental ...	Male ...	4,510	20	4,530	2,932	7,462
	Female ...	1,463	6	1,469	1,531	3,000
	Children—					
	Male ...	184	1	185	306	491
	Female ...	109	...	109	216	325
Skin and Venereal ...	Male ...	14,774	30	14,804	43,978	58,782
	Female ...	2,271	4	2,275	16,227	18,502
	Children—					
	Male ...	1,312	3	1,315	2,102	3,417
	Female ...	981	2	983	1,544	2,527
Aural ...	Male ...	4,460	136	4,596	9,329	13,925
	Female ...	1,870	30	1,900	5,880	7,780
	Children—					
	Male ...	769	60	829	801	1,630
	Female ...	581	39	620	704	1,324
Orthopaedic ...	Male ...	2,421	1,762	4,183	9,877	14,060
	Female ...	493	254	747	3,120	3,867
	Children—					
	Male ...	318	210	528	588	1,116
	Female ...	171	96	267	455	722
Grand Total ...		1,19,295	27,155	1,46,450	3,29,275	4,75,725

APPENDIX No. 4

Chart illustrating Summary of patients according to Sex, Age and Caste.



APPENDIX No. 5.

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1944.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remain-ed.	Admit-ted.	Total.	Discharged				Remain-ing.	
				Cured.	Relieved.	Otherwise.	Died.		
Infectious etc., Diseases.									
1. Measles ...	...	2	2	...	1	1	...	...	9
2. Whooping cough ...	...	1	1	...	...	1	...	...	20
3. Influenza ...	...	31	31	11	12	8	...	...	707
5. Erysipelas ...	...	6	6	1	2	3	...	...	6
6. Other infectious etc. diseases ...	25	1,008	1,033	522	141	144	205	21	3,699
7. Tuberculosis-primary.	6	229	235	1	27	148	56	3	1,171
8. Tuberculosis-other forms ...	29	380	409	59	126	139	72	13	945
9. Syphilis ...	9	123	132	7	101	16	1	7	3,846
10. Gonococcal infection	2	31	33	2	29	2	...	...	1,037
11. Soft Chancre ...	1	21	22	4	15	3	...	...	588
12. Septicaemia ...	...	13	13	...	...	...	13	...	8
13. Pyaemia ...	1	34	35	10	16	3	6	...	55
13(a) Enteric fever ...	13	231	244	148	6	19	56	15	592
13(b) Malaria ...	11	685	696	396	163	101	28	8	4,976
Neoplasms.									
14. Carcinoma ...									
15. Sarcoma ...									
16. Other or not defined Malignant diseases	8	165	173	21	30	70	45	7	263
17. Non-malignant tumours etc. ...	11	196	207	85	70	33	5	14	731
Rheumatism etc.									
18. Rheumatic fever ...									
19. Acute Rheumatism ...	1	14	15	5	9	...	1	...	68
20. Chronic or undefined rheumatism ...	8	189	197	50	85	46	6	10	1,604
21. Gout ...	...	1	1	...	1	...	...	...	...
22. Fibrositis ...	...	9	9	2	5	2	...	...	316
23. Lumbago, myalgia ...	...	16	16	2	8	6	...	...	623
24. Blood diseases ...	20	285	305	50	115	63	64	13	1,198
Nervous System etc.									
25. Meningitis ...	2	109	111	38	5	5	58	5	89
26. Tabes dorsalis ...	...	...	...	...	...	...	...	...	...
27. Cerebral Haemorrhage	1	6	7	...	...	1	5	1	2
28. Embolism ...	...	...	...	...	...	...	...	...	...
29. Thrombosis ...	...	...	...	...	...	...	...	...	...
29A. Paralysis from acute poliomyelitis ...	...	...	...	...	...	...	...	...	...
30. General paralysis of the insane ...	...	...	...	...	...	...	...	...	...
31. Paralysis agitans ...	1	11	12	...	3	7	2	...	20

APPENDIX No. 5.—*contd.*

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1944.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged.			Died.	Remaining.	
				Cured.	Relieved	Otherwise.			
32. Other paralysis ...	9	122	131	4	44	59	16	8	346
33. Other insanity ...	...	1	1	1	...	...	...	...	1
34. Epilepsy ...	...	24	24	2	8	12	...	2	61
35. Idiocy ...	...	3	3	...	1	2	...	...	9
36. Imbecility ...	...	...	...	...	...	...	...	...	...
37. Disseminated Sclerosis	2	14	16	1	4	10	1	...	16
38. Neuritis ...	...	...	...	...	...	...	...	...	...
39. Neuralgia ...	1	44	45	8	25	12	...	...	650
40. Sciatica ...	...	...	...	...	...	...	...	...	2
41. Other diseases of the nervous system ...	5	130	135	19	51	44	15	6	615
Total diseases of the nervous system ...	21	464	485	73	141	152	97	22	1,812
42. Diseases of the Eye ...	21	762	783	549	109	99	...	26	6,969
Circulatory System.									
43. Valvular heart disease	10	283	293	18	145	36	79	15	296
44. Myocardial disease ...	4	73	77	10	35	22	7	3	76
45. Other heart disease ...	...	12	12	1	1	2	4	4	20
46. Aneurysm ...	1	19	20	2	3	10	4	1	22
47. Arterio-sclerosis ... } 48. Hypertension ... }	...	39	39	3	24	5	4	3	96
49. Gangrene ...	...	...	...	...	...	...	...	...	...
50. Diseases of veins (non-puerperal) ...	...	29	29	7	11	7	4	...	91
51. Other diseases of the circulatory system ...	1	36	37	3	14	12	7	1	56
Total diseases of the circulatory system	16	491	507	44	233	94	109	27	657
Ear, Nose and Throat Diseases.									
52. Enlarged tonsils and adenoids ...	5	1,188	1,193	612	539	36	...	6	2,574
53. to 55 Coryza and Rhinitis and Catarrh ...	1	98	99	16	78	5	...	...	748
56. Others ...	3	356	359	101	212	27	7	12	3,133
Respiratory System.									
57. Bronchitis actue ... } 58. Do. chronic ... } 59. Do. not stated ... }	3	89	92	44	32	12	3	1	3,235
60. Lobar pneumonia ...	4	266	270	191	10	6	58	5	187
61. Broncho-pneumonia ...	3	137	140	63	11	6	58	2	131
62. Pneumonia, other or not stated ...	31	774	805	614	85	31	63	12	815
63. Pleurisy ...	6	140	146	35	66	31	3	11	208
64. Empyema ...	3	22	25	3	8	4	9	1	18
65. Asthma ...	2	94	96	14	62	10	5	5	877
66 Hay Fever ...	...	...	...	...	...	...	...	...	...
67. Other diseases of respiratory system ...	7	132	139	18	41	21	51	8	365
Total diseases of the Respiratory system	59	1,654	1,713	982	315	121	250	45	5,838

APPENDIX No. 5—*contd.*

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1944.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Digestive System etc.									
68. Ulcer, stomach ...	3	121	124	13	34	65	9	3	561
69. Ulcer, duodenum ...	2	88	90	11	28	44	2	5	111
70. Chronic dyspepsia ...	1	30	31	7	12	11	...	1	1,141
71. Diarrhoea ...	3	176	179	89	33	17	39	1	1,051
72. Enteritis ...	1	84	85	46	18	5	14	2	133
73. Appendicitis ...	10	309	319	144	118	39	11	7	392
74. Hernia ...	6	266	272	185	51	22	8	6	517
75. Intestinal obstruction... actue 76. Do. chronic ... 77. Do. not stated ...	...	34	34	6	8	7	13	...	40
78. Stasis ...	...	...	...	...	...	...	...	...	...
79. Constipation ...	1	22	23	8	9	6	...	...	838
80. Cirrhosis of liver ...	5	128	133	22	53	32	24	2	273
81. Biliary calculi ...	...	12	12	1	8	3	...	...	7
82. Other diseases of the digestive system ...	24	816	840	280	294	145	98	23	9,375
Total diseases of the digestive system ...	56	2,086	2,142	812	666	396	218	50	14,439
82.A Diseases of Lymphatic System ...	1	53	54	16	21	16	...	1	423
82.B Diseases of Thyroid gland ...	3	34	37	17	6	10	4	...	57
Genito-Urinary System.									
83. Nephritis—acute ... 84. Nephritis—chronic ... 85. Nephritis—not stated.	8	91	99	30	26	24	15	4	118
86. Other diseases of kidney ...	4	197	201	30	111	43	11	6	309
87. Diseases of bladder ...	1	20	21	4	12	4	...	1	64
88. Urinary calculi ...	2	19	21	9	6	5	1	...	34
89. Diseases of prostate	2	27	29	11	8	4	2	4	42
90. Stricture of urethra ...	...	19	19	6	10	1	...	2	53
91. Other diseases of urinary organs ...	1	76	77	13	45	10	7	2	204
92. Non-Venereal diseases of genital organs Males	13	460	473	275	132	34	8	24	2,167
Do. Do. Females	20	616	636	129	357	123	8	19	2,088
Total—diseases of the genito-urinary system	51	1,525	1,576	507	707	248	52	62	5,079
Pregnancy, parturition.									
93. Abortion, pregnancy etc. ...	3	80	83	33	34	13	3	...	532
94. Ante-natal cases, confinement, post-natal cases ...	...	...	...	...	...	...	...	...	...
Skin, Bones, etc.									
95. Boil ...	1	8	9	4	4	1	...	...	653
96. Carbuncle ...	...	24	24	12	7	3	2	...	27
97. Abscess ...	8	321	329	141	153	22	7	6	1,699
98. Ulcer ...	5	106	111	32	45	23	5	6	1,636
99. Bed-sore ...	...	...	...	...	...	...	...	...	...

APPENDIX No. 5—*concld.*

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1944.

Names of diseases.	IN-PATIENTS.								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise	Died.		
100. Eczema ...	...	11	11	2	7	2	...	...	341
101. Scabies ...	5	48	53	26	26	1	...	...	7,976
102. Other diseases of Skin and Cellular Tissue ...	13	402	415	102	203	79	17	14	6,155
103. Diseases of bones	4	112	116	15	54	34	5	8	223
103*a* Diseases of joints ...	4	44	48	10	21	15	1	1	253
103*b* Diseases of muscles	...	20	20	7	8	5	...	...	208
104. Congenital malformations ...	6	40	46	14	17	11	1	3	66
Others.									
109. Rickets ...	...	9	9	1	3	4	...	1	109
109*a* Scurvey ...	...	5	5	1	5	...	1	...	14
109*b* Pellagra ...	...	9	9	3	3	1	1	1	15
110. Diabetes ...	...	33	33	2	8	14	7	2	42
111. Senile decay ...	...	...	...	...	...	...	...	...	...
111*a* General debility ...	3	64	67	14	22	19	12	...	772
112. Senile dementia ...	...	...	...	...	...	...	...	...	...
112.A Poisoning ...	3	224	227	159	37	20	10	1	3,701
Violence (1) Fractures.									
113. Skull, vault and/or base	...	45	45	4	4	2	35	...	47
114. Lower jaw ... } 115. Other facial bone ... }	1	18	19	6	11	1	1	...	117
116. Spinal column (other than sacrum and Coccyx) ...	4	152	156	20	67	47	10	12	203
117. Sacrum ...	...	...	...	...	...	...	...	...	...
118. Coccyx ...	...	...	...	...	...	...	...	...	...
119. Ribs, sternum ...	...	35	35	10	16	8	...	1	242
120. Clavicle ...	2	8	10	1	5	4	...	...	157
121. Scapula ...	...	3	3	1	1	1	...	...	14
122. Humerus ...	1	101	102	22	58	16	1	5	357
123. Radius and ulna ...	4	114	118	27	71	15	1	4	1,007
124. Carpal bones ... } 125. Metacarpal phalanges of fingers ... }	2	48	50	16	24	10	...	...	499
126. Pelvis (other than sacrum and coccyx)	2	25	27	3	12	8	1	3	87
127. Femur ...	10	157	167	36	60	39	15	17	280
128. Patella ...	1	22	23	3	11	7	...	2	38
129. Tibia and/or fibula ...	3	131	134	42	69	9	5	9	295
130. Tarsal bones ... } 131. Metatarsal and Phalanges of toes }	...	54	54	15	30	8	...	1	245
131*a*. Other injuries ...	39	1,780	1,819	522	835	269	150	43	36,637
Total—No. of patients treated for fractures	69	2,693	2,762	728	1,274	444	219	97	40,225
132 (2) **Others**									
Other ill-defined diseases.									
No diseases— N.A.D. ...	...	16	16	1	2	12	1	...	128
i. Born in Hospital ...	...	...	...	...	...	...	...	...	...
ii. Others. N.Y.D. ...	1	95	96	6	23	62	5	17	487
Grand Total ...	507	16,745	17,252	6,418	5,943	2,797	1,592	502	1,46,450

APPENDIX No. 6

Statement showing classification according to principal sites, of in-patients suffering from Tuberculosis treated in the K. E. M. Hospital during the year 1944.

	Respiratory system.	Brain and spinal cord.	Intestines and perito-neum etc.	Genito-urinary system.	Bones and Joints.				* Glands.	Genera-lised.	Others.	Total.	Remarks.
					Spine.	Hip.	Knee.	Others					
Discharges ...	140	3	75	6	54	10	4	40	34	2	10	378	
Deaths ...	46	21	22	...	3	2	...	1	...	2	1	98	
Total ...	186	24	97	6	57	12	4	41	34	4	11	476	

* Excluding abdominal, mediastinal etc., glands which are included in the intestines and respiratory system.

APPENDIX No. 7

Patients suffering from Malignant Neoplasms classified according to Type of growth, Sex and Age Discharged and Deaths during the year 1944.

Type of growth.	Sex.	Age Group. 0-14 years.	15-24 years.	25-34 years.	35-44 years.	45-54 years.	55-64 years.	65-74 years.	75-84 years.	85 years and above.	Results. Dis-charged.	Deaths.	Total.	Remarks:
Carcinoma ...	Male ...	1	5	13	18	28	17	3	3	...	60	28	88	
	Female ...	...	4	13	17	11	6	...	...	...	40	11	51	
Sarcoma ...	Male ...	...	1	3	2	1	...	...	...	...	6	1	7	
	Female ...	1	...	1	..	1	1	...	...	...	3	1	4	
Rodent ulcer ...	Male ...	...	...	...	...	...	...	...	...	...	...	...	...	
	Female ...	...	...	...	...	...	...	...	...	...	...	...	...	
Undefined ...	Male ...	1	...	...	2	1	1	...	1	...	5	1	6	
	Female ...	3	1	...	1	...	...	...	...	...	3	2	5	
Total	Male ...	2	6	16	22	30	18	3	4	...	71	30	101	
	Female ...	4	5	14	18	12	7	...	...	...	46	14	60	
Grand Total ...		6	11	30	40	42	25	3	4	...	117	44	161	

APPPENDIX No. 8.

Patients suffering from Malignant Neoplasms—(Discharged and deaths, classified according to site and sex) for the year 1944.

Site of growth.	Male.	Female.	TOTALS. Discharged. Male.	Discharged. Female.	Expired. Male.	Expired. Female.	Remarks.
Alimentary tract above stomach ...	12	1	7	1	5	...	
Stomach ...	14	1	11	1	3	...	
Intestines ...	5	3	2	1	3	2	
Rectum ...	6	1	6	1	...	...	
Anus ...	...	...	...	...	...	...	
Respiratory system ...	24	...	17	...	7	...	
Prostate ...	1	...	1	...	...	...	
Bones and others ...	39	15	27	10	12	5	
Female generative organs—							
Ovary & tubes ...	...	7	...	4	...	3	
Body of the Uterus ...	...	18	...	14	...	4	
Cervix, Vagina Vulva ...	...	1	...	1	...	...	
Breast ...	...	12	...	12	...	...	
Other sites ...	...	1	...	1	...	...	
Discharged ...	...	...	71	46	...	...	
Deaths ...	...	...	...	...	30	14	
Total ...	101	60	161				

APPENDIX No. 9

Statement showing Fracture cases treated in the K. E. M. Hospital during the year 1944.

Nature of fracture.	Simple.	Compound.	Pathological.	Total	Operative reduction.	Complications with: Joints.	Nerves	Vessels	Others	Cases with end results: Good.	Fair.	Bad.	Died.	Could not be Traced	Total
Acetabulum ...	2	...	...	2	...	...	...	...	...	1	...	...	...	1	2
Calcaneous ...	17	2	...	19	...	...	...	...	...	8	9	...	...	2	19
Carpals & phalanges	10	40	...	50	2	15	...	4	...	31	12	6	...	1	50
Clavicle ...	5	...	...	5	...	...	...	...	...	4	1	...	...	...	5
Colles' ...	17	3	...	20	2	...	...	...	1	18	2	...	...	...	20
Femur ...	141	8	1	150	22	...	...	...	3	96	30	...	9	15	150
Humerus ...	91	16	...	107	2	...	...	...	2	70	24	5	...	8	107
Maxilla ...	3	2	...	5	...	...	...	...	...	5	...	...	...	...	5
Mandible ...	8	3	...	11	7	...	...	...	3	6	3	1	...	1	11
Malleolus ...	6	3	...	9	...	...	...	...	...	7	2	...	...	...	9
Metatarsal ...	9	19	...	28	...	...	...	...	3	19	9	...	...	...	28
Multiple ...	...	7	...	7	...	...	...	...	...	...	...	...	7	...	7
Oleeranon ...	8	4	...	12	5	...	...	...	...	9	2	1	...	...	12
Patella ...	24	1	...	25	7	...	1	...	...	13	7	...	1	4	25
Pelvis ...	26	...	...	26	...	...	...	...	5	16	3	...	3	4	26
Pott's ...	17	3	...	20	2	...	...	...	...	14	4	2	...	...	20
Radius and Ulna ...	43	41	...	84	13	...	1	1	8	54	19	10	1	...	84
Ribs ...	31	...	...	31	...	...	...	...	10	31	...	...	...	...	31
Scapula ...	5	...	...	5	...	...	...	...	...	4	...	...	...	1	5
Spine ...	143	...	...	143	2	...	14	...	...	91	28	4	12	8	143
Tibia and Fibula ...	38	36	...	74	...	1	1	...	5	48	15	4	7	...	74
Tibia ...	9	11	...	20	...	...	...	...	1	15	5	...	...	...	20
Ulna ...	8	5	...	13	1	...	...	...	...	11	2	...	...	...	13
Total ...	661	204	1	866	65	16	17	5	41	571	177	33	40	45	866

APPENDIX No. 10.

Statement showing Head Injuries and Fractures of the skull treated in the K. E. M. Hospital during the year 1944.

PARTICULARS.	OPERATED					NON-OPERATED					Grand total.
	Cured.	Relieved.	Other-wise.	Died.	Total	Cured.	Relieved.	Other-wise.	Died.	Total	
C.L.W. Scalp with concussion	255	40	5	...	300	22	3	...	...	25	325
Concussion ...	...	...	...	...	...	43	4	...	...	47	47
Fracture skull & vaalt ...	45	9	2	5	61	...	...	4	1	5	66
Depressed fracture skull ...	23	5	...	3	31	...	...	...	...	...	31
Fracture base skull ...	...	...	7	8	15	12	...	10	13	35	50
Laceration of brain } Contusion brain }	...	...	...	...	...	5	2	...	3	10	10
Intra-cranial haemorrhage ...	2	1	...	7	10	...	9	5	28	42	52
Total ...	325	55	14	23	417	82	18	19	45	164	581

APPENDIX No. 11.

Statement of diseases of female generative organs treated in the K. E. M. Hospital during the year 1944.

Names of diseases.	IN-PATIENTS.								Out-patients and casualty cases.
	Remain-ed.	Admit-ted.	Total.	Discharged.				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Inflamatory.									
Endo-metritis } Cervicitis-endocervicitis }	1	21	22	4	16	2	...	...	23
Salphingitis, Oophoritis and salpingo-oophoritis ...	4	95	99	15	57	22	3	2	134
Vaginitis ...	1	26	27	11	12	3	...	1	107
Vulvitis ...	...	1	1	...	...	1	...	...	10
Bartholinitis & abscess ...	...	10	10	8	1	...	...	1	16
Acute and sub-acute pelvic inflammation ...	...	8	8	2	5	1	...	...	19
Pelvic abscess	...	1	1	1	...	...	...	...	...
Pelvic cellulitis (puerperal)	...	4	4	...	3	...	...	1	47
Laceration and Displacements									
Laceration of cervix ...	...	12	12	5	7	...	...	...	10
Uterine displacements									
Chronic uterine inversion ... } Prolapse ... }	8	127	135	44	66	16	2	7	573
Fistula urinary ... } Fistula-rectal ... }	2	9	11	2	2	6	...	1	4
Functional.									
Amenorrhoea ...	...	5	5	...	3	2	...	...	142
Dysmenorrhoea ...	...	36	36	2	31	3	...	...	93
Menorrhagia ...	...	43	43	10	28	4	...	1	119
Metropathia haemorrhagica	1	40	41	6	26	9	...	...	40
Sterility } Menopause }	1	153	154	7	90	53	...	4	387
Other functional diseases ...	...	...	...	...	...	...	...	...	79
Pregnancy Complications ...	3	49	52	23	21	7	1	...	139
Abortion ...		10	10	4	4	1	1	...	11
Ectopic gestation ...	...	10	10	1	3	5	1	...	371
Pregnancy & others ...	...								
Grand Total ...	21	660	681	145	375	135	8	18	2,534

Note.—New growths, non-malignant and malignant, have been shown in Appendix No. V under Neoplasms Nos. 16 and 17.

APPENDIX No. 12.

Classification of Operations performed in the Surgical Department during the year 1944.

Name of Operation.	IN-PATIENTS. Remaining as per last report.	No. of Operations. Principal.	Secondary.	Total.	No. of patients operated on.	Result. Cured.	Relieved.	Discharged otherwise.	Died.	Remained under treatment.	Outdoor patients operated on.
Excision of benign neoplasms ...	...	12	...	12	12	10	1	...	...	1	52
Removal of malignant neoplasms ...	...	16	...	16	16	6	4	2	...	4	5
Removal of mixed tumours ...	...	...	1	1	...	...	...	...	...	...	1
Removal of granulation tissue ...	...	3	1	4	3	3	...	...	...	...	16
Removal of scar tissue growths ...	...	3	...	3	3	...	2	...	...	1	20
Removal of retention cysts ...	...	4	...	4	4	3	1	...	...	...	205
Removal of congenital cysts ...	...	5	...	5	5	3	2	...	...	...	18
Removal of distension cysts ...	...	4	1	5	4	2	2	...	...	...	37
Removal of neural cysts ...	...	1	...	1	1	...	...	...	1	...	...
Removal of blood cysts ...	...	1	...	1	1	1	...	...	...	...	2
Removal of lymphatic cysts ...	...	2	...	2	2	1	1	...	...	...	1
Electro-cautery ...	...	...	1	1	...	...	...	...	...	...	7
Application of radium needles ...	...	3	...	3	3	...	2	1	...	...	...
Incision evacuation and drainage of abscesses	11	386	45	431	386	159	197	12	24	5	2,127
Aspiration of fluids from joints, abscesses, etc.	1	30	11	41	30	4	17	8	2	...	809
Tapping of hydrocele ...	...	1	...	1	1	...	1	...	...	...	373
Tapping of thorax for pleural fluids ...	...	1	...	1	1	...	...	...	1	...	...
Tapping of mammary cysts ...	...	1	...	1	1	1	...	...	...	...	...
Incisions for cellulitis, carbuncles, etc. ...	1	8	...	8	8	3	4	...	1	1	11
Excision of corns, cicatrix, bursae, etc.	2	32	4	36	32	11	8	13	1	1	31!
Excision of lacerated tissues ...	5	36	7	43	36	11	14	6	10	...	10
Scraping of sinuses, etc. ...	2	23	6	29	23	10	10	5	...	...	159
Suturing of wounds ...	12	320	25	345	320	125	180	24	...	3	54
Removal of foreign bodies from tissues ...	...	11	...	11	11	8	2	1	...	...	162
Skin grafting ...	1	49	60	109	49	22	17	6	1	4	2
Plastic operations ...	...	12	8	20	12	5	5	1	...	1	...
Operations on joints ...	1	21	6	27	21	4	14	1	...	3	5
Amputations ...	2	47	14	61	47	20	23	4	1	1	20
Osteotomy ...	...	16	...	16	16	6	5	1	3	1	...
Other operations on bones ...	1	57	9	66	57	9	35	8	2	4	16
Setting of fractures ...	15	265	116	381	265	68	154	42	8	8	171
Injections for piles ...	...	4	...	4	4	1	2	1	...	...	724
Thyroidectomy partial ...	2	9	1	10	9	9	2	...	...	...	...
Other operations on ductless glands ...	...	6	...	6	6	2	1	1	2	...	...
Removal of breast for malignant growth ...	2	3	1	4	3	3	1	...	...	1	1
Other operations on breast ...	...	16	1	17	16	11	3	1	1	...	11
Suture of heart ...	...	1	...	1	1	...	1	...	...	...	...
Excision of aneurysm, ligature of artery, etc.	...	8	4	12	8	3	5	...	...	...	...
Operations on veins ...	...	7	...	7	7	3	3	1	...	...	7
Excision of lymphatic vessels and glands ...	1	18	1	19	18	5	11	3	...	...	...
Trephining ...	...	3	1	4	3	1	1	...	1	...	...
Elevation of depressed fracture ...	...	11	2	13	11	6	2	...	3	...	...
Excision of intra-cranial tumour (Extradural) ...	...	2	...	2	2	...	...	...	2	...	...
Operations on spinal column ...	2	2	...	2	2	1	1	1	1	...	...
Operations on nerves ...	...	8	1	9	8	2	5	...	1	...	...
Operations on thorax ...	2	21	3	24	21	8	8	2	3	2	...
Extraction of teeth and other dental operations ...	...	...	...	...	...	...	...	...	...	...	4 107
Operations on salivary glands ...	...	1	...	1	1	...	1	...	...	...	...
Operations on oesophagus and pharynx ...	...	...	1	1	...	...	...	...	...	...	...
Gastrectomy partial for ulcer ...	...	5	1	6	5	3	...	...	1	1	...
Gastrectomy partial for cancer ...	...	5	...	5	5	1	2	...	2	...	...
Gastrorrhaphy for perforation ...	1	4	...	4	4	3	1	...	1	...	...
Gastrorrhaphy for stab wound ...	...	1	...	1	1	...	...	...	1	...	...
Gastrojejunostomy for gastric ulcer ...	...	17	...	17	17	10	4	...	2	1	...
Gastrojejunostomy for cancer ...	...	1	...	1	1	...	1	...	...	...	...
Gastrojejunostomy for duodenal ulcer	...	1	...	1	1	1	...	...	...	...	...
Operations on jejunum and Ilieum ...	...	24	3	27	24	4	8	...	10	2	...
Removal of appendix ...	4	115	1	116	115	93	18	1	6	1	...
Operations on colon ...	...	14	8	22	14	8	1	...	4	1	...
Operations on rectum and anus ...	5	122	9	131	122	73	39	10	3	2	42
General operations on Intestines ...	...	1	...	1	1	1	...	...	...	...	...
Herniotomy, radical cure for Ing. Hernias ...	6	139	1	140	139	108	30	3	1	3	...
Herniotomy radical cure for other forms of hernias ...	...	3	1	4	3	2	...	...	1	...	...
Herniotomy, for strangulated hernias, Inguinal ...	...	36	...	36	36	26	7	...	3	...	...
Exploratory Laparotomy ...	3	72	2	74	72	20	19	6	30	...	...
Operation on liver and biliary apparatus ...	...	2	...	2	2	1	...	...	1	...	...
Cholecystotomy ...	...	1	...	1	1	1	...	...	...	...	...
Cholecystectomy ...	...	19	...	19	19	14	4	...	1	...	...
Plastic operation for bile duct ...	1	...	...	...	...	...	...	...	1	...	...
Removal of spleen ...	...	7	...	7	7	2	1	1	2	1	...
Orchidectomy ...	1	12	1	13	12	10	2	...	1	...	...
Other operations on scrotum ...	...	7	1	8	7	2	4	...	...	1	...
Radical cure for vaginal hydrocele ...	7	166	2	168	166	129	35	...	1	8	...
Epididymectomy ...	1	1	...	1	1	...	1	...	...	1	...
Operations on spermatic cord ...	1	3	3	6	3	...	2	1	1	...	3
Prostatectomy—Perineal ...	...	...	1	1	...	...	...	...	...	...	...
Prostatectomy—Suprapubic ...	...	8	6	14	8	3	1	1	2	1	...
Circumcision ...	...	10	...	10	10	7	3	...	...	...	203

APPENDIX No. 12—*concld.*

Classification of Operations performed in the Surgical Department during the year 1944.

Name of Operation.	IN-PATIENTS. Remaining as per last report.	No. of Operations. Principal.	Secondary.	Total.	No. of patients operated on.	Result. Cured.	Relieved.	Discharged otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Other operations on penis	1	9	...	9	9	4	4	1	...	1	77
Nephrectomy	...	2	3	5	2	1	...	...	...	1	...
Operations on ureter	...	3	1	4	3	1	1	1	...	...	...
Suprapubic cystotomy	2	41	6	47	41	19	11	2	5	6	...
Suprapubic Lithotomy	2	17	2	19	17	13	5	...	1	...	...
Lithotrity	...	1	...	1	1	1	...	...	...	...	...
Litholopexy	...	4	1	5	4	3	1	...	...	...	...
Other operations on bladder ...	...	33	11	44	33	6	20	4	3	...	320
Urethrotomy external	...	14	5	19	14	6	3	2	...	3	...
Other operations on urethra	1	16	42	58	16	11	4	...	...	2	153
Total ...	99	2,426	442	2,868	2,426	1,137	980	178	153	77	10,242

APPENDIX No. 13.

Classification of Operations performed in the Gynaecological Department during the year 1944.

Nature of Operation.	Remaining as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on
Operations on.											
Uterus ...	14	125	3	128	125	62	63	4	4	6	...
Cervix ...	1	244	2	246	244	27	153	60	...	5	...
Perineum & Vagina ...	4	50	8	58	50	34	16	2	...	2	...
Urethra ...	...	3	...	3	3	1	2	...	...	...	...
Fallopian tubes and broad ligaments ...	2	29	...	29	29	20	5	2	4	...	...
Ovaries ...	2	9	...	9	9	5	4	1	...	1	...
General ...	3	17	11	28	17	7	8	2	2	1	...
Total ...	26	477	24	501	477	156	251	71	10	15	...

APPENDIX No. 14.

Classification of Operations performed in the Ophthalmic Department during the year 1944.

Nature of Operation.	Remaining as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Operations on.											
Eyelids ...	...	10	1	11	10	5	5	...	...	...	108
Conjunctiva ...	...	18	...	18	18	12	...	4	...	2	20
Cornea ...	...	14	7	21	14	5	5	4	...	...	443
Lachrymal apparatus ...	2	25	...	25	25	22	3	1	...	1	11
Iris ...	3	81	11	92	81	54	20	8	...	2	2
Sclera ...	...	34	4	38	34	19	6	8	...	1	1
Lens ...	11	498	28	526	498	459	12	20	...	18	10
Socket ...	...	3	3	6	3	...	1	...	...	2	...
General operations ...	1	15	2	17	15	5	5	5	1	...	1
Total ...	17	698	56	754	698	581	57	50	1	26	595

APPENDIX No. 15

Classification of Operations performed in the Ear, Nose and Throat department during the year 1944.

Nature of Operation.	IN-PATIENTS. Remaining as per last report.	No. of Operations. Principal.	Secondary.	Total.	No. of patients operated on.	Results. Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Operations on.											
Larynx ...	2	5	1	6	5	3	1	2	...	1	5
Trachea ...	1	11	1	12	11	3	3	1	5	...	1
Bronchus ...	...	3	2	5	3	...	1	2	...	...	3
Oesophagus ...	1	2	...	2	2	...	1	2	...	...	1
Stomach ...	...	2	...	2	2	...	...	...	2	...	...
External nose and nasal cavity ...	...	2	...	2	2	1	1	...	...	...	...
Septum ...	1	121	2	123	121	28	90	3	...	1	...
Turbinate bones ...	...	67	...	67	67	10	57	...	...	...	220
Posterior nares ...	...	7	...	7	7	...	7	...	...	...	17
Maxillary antrum ...	...	74	2	76	74	30	41	1	...	2	743
Frontal sinus ...	...	1	...	1	1	1	...	...	...	...	1
Ethmoidal sinus ...	...	16	...	16	16	5	11	...	...	...	...
Mouth fauces Pharynx and nasopharynx ...	4	1,078	1	1,079	1,078	566	503	9	3	1	...
Ear ...	1	66	11	77	66	34	22	3	5	3	68
Miscellaneous—of a minor nature ...	1	5	3	8	5	2	3	1	...	...	2
Total ...	11	1,460	23	1,483	1,460	683	741	24	15	8	1,061

APPENDIX No. 16.

Report of the X-Ray and Electro-Therapeutic Department, for the year 1944.

3,020 cases were X-Rayed during the year 1944, out of which 845 cases were in-door (552 men, 227 women and 42 male and 24 female children), 2,175 patients were out-door (1036 men, 523 women and 482 male and 134 female children).

Fluroscopy was done in 5,414 cases; 1,157 indoor. (611 men, 368 women, 105 male and 73 female children). 4,257 cases were out-door (2,396 men, 1,002 women and 601 male and 258 female children).

X'Ray and Fluroscopic examination after Barium Meal and Enema Investigation was done in 485 cases.

Superficial X'Ray treatment was given in 218 cases (138 men, 64women and 16 children).

Deep X'Ray Treatment was given in 271 cases.

Ultra-violet Radiation was given to 993 cases. (155 men, and 31 women ; 412 male children and 395 female children)˙

Short-wave diathermy was given to 244 cases (145 men, 99 women).

Long-wave Diathermy was given to 185 women.

63 cases were treated with faradic stimulation.

Electircal reactions were tested in 25 cases.

Electrolysis was done in 2 female children.

Fulguration was done in 10 casee (8 men, 2 women).

APPENDIX No. 17.

Report of the Skin and Venereal Department, K. E. M. Hospital for the year 1944.

Description.	Out-patients.		In-patients.	
	Male.	Female.	Male.	Female.
Primary syphilis ...	1,346	30	18	...
Secondary syphilis ...	2,260	155	74	12
Tertiary syphilis ...	22	...	3	2
Congenital syphilis ...	...	2	...	2
Total No. of cases of syphilis ...	3,628	187	95	16
Acute gonorrhoea ...	767	36	5	5
Chronic gonorrhoea ...	732	45	38	3
Total No. of cases of gonorrhoea ...	1,499	81	43	8
Phagoedena ...	32	...	34	...
Chancroid ...	352	13	15	1
Granuloma Inguinalae (Vth V. D.) ...	1	...	1	...
Lympho-granuloma Inguinalae (VIth V.D.) ...	41	2	5	...
Total No. of venereal cases treated during the year 1944.	5,553	283	193	25
Leprosy cases ...	193	32	2	...
Skin discases ...	10,340	2,937	139	58
Grand total of venereal, skin and leprosy cases treated during the year 1944 ...	16,086	3,252	334	83

The above figures indicate the total number of persons seeking treatment in the Skin and Venereal Department direct. They do not include 192 cases (149 males and 43 females) which were examined and found not to be suffering from any skin or venereal diseases. They also do not include cases transferred to the Skin and Venereal Department from other departments to avoid duplication of figures as well as of previous years which continued treatment during 1944. Hence the total number of cases treated in the department was considerably greater than that shown above.

Among the venereal cases, 3,281 patients (of which 83 were females) were treated for two or more venereal diseses.

Among the indoor patients, 56 cases were treated for two or more venereal diseases.

Amog the cases treated for skin diseases, 7,431 were found to be suffering from scabies.

APPENDIX No. 18.

Statement showing the number of electro-cardiograms taken during the year 1944 :—

Clinical condition for which Electro-cardiogram was taken.	Male.	Female.	Total.
1. Coronary Thrombosis ...	15	4	19
2. Angina Pectoris ...	16	4	20
3. Congenital heart disease ...	4	1	5
4. Auricular Flutter ...	4	3	7
5. Auricular fibrillation ...	14	4	18
6. Tachycardia ...	10	1	11
7. Bradycardia ...	9	4	13
8. Pericarditis ...	4	...	4
9. Valvular heart disease ...	16	5	21
10. Acute rheumatic carditis ...	7	4	11
11. Extra-systoles ...	8	4	12
12. Congestive Cardiac Failure ...	16	2	18
13. Heart block ...	3	...	3
14. Hypertension ...	12	7	19
15. Cardiac neurosis ...	11	...	11
16. Thyrotoxicosis ...	...	1	1
17. Miscellaneous ...	17	...	13
Total ...	162	44	206

APPENDIX No. 19.

Central Clinical Laboratory Report.

17,946 laboratory investigiations were carried out during the year 1944 in the Central Clinical Laboratory, (as apart from the the ward laboratories) on the material sent from the Hospital, divided under four main heads, as against 17,553 and 17,462 in the year 1943 and 1942, respectively :—

I. Pathologic. II.—Bacteriologic. III.—Biologic. IV.—Biochemic as under:—

I.—Pathologic.

(*i*) Routine Examination of urine ...	358
(*ii*) *Examination of blood*—	
(1) Cytological examination—	
(*a*) Complete blood picture ...	614
(*b*) Reticulocyte count ...	2
(*c*) Platelet count ...	53
(2) Coagulation time of blood ...	72
(3) Bleeding time of blood ...	64
(4) (*a*) Grouping and Matching of blood for transfusion ...	835
(*b*) Determination of blood group	197
(*c*) Cross-matching of blood ...	56
(5) Sedimentation test ...	348
(6) Detection of parasites—	
(*a*) Microfilaria ...	5
(*b*) Malaria parasites ...	12
(*c*) Leishman-Donovan bodies ...	39
(*iii*) Examination of faeces ...	718
(*iv*) Examination of sputa ...	466
(*v*) *Examination of puncture fluids*—	
(*a*) Cerebro-spinal fluid ...	514
(*b*) Pleural fluid ...	168
(*c*) Ascitic fluid ...	130
(*d*) Liver puncture fluid ...	1
(*e*) Hydrocele fluid ...	1
(*f*) Histological examination of tissues ...	1,403
Total ...	6,056

II.—Bacteriologic—

(*i*) Urine—	
(*a*) Cultural examination ...	128
(*b*) Cultural examination for tubercle bacilli ...	24
(*ii*) *Blood*—	
(*a*) Cultural examination ...	345
(*b*) Cultural examination for leptospira ...	2
(*c*) Cultural examination for brucella ...	4
(*d*) Cultural examination for leishmania ...	8
(*e*) Serological examination :—	
(1) Widal reaction ...	720
(2) Wassermann reaction ...	328
(3) Kahn test ...	6,961
(4) Weil-Felix reaction ...	193
(5) Agglutination test against leptospira	38
(6) Agglutination test for brucella ...	33
(7) Paul and Bunnel test ...	7
(*iii*) Faeces-cultural examination ...	35
(*iv*) Sputum—Cultural Examination for tubercle bacilli ...	10
(*v*) *Puncture fluid-cultural examination*—	
(1) Cerebro-spinal fluid ...	233
(2) Cerebro-spinal fluid for tubercle bacilli ...	10
(3) Pleural fluid ...	95
(4) Pleural fluid for tubercle bacilli ...	4
(5) Peritoneal fluid for tubercle bacilli	1
(6) Ascitic fluid ...	62
(7) Ascitic fluid for tubercle bacilli ...	1
(8) Pericardial fluid for tuberclebacilli	1
(9) Fluid from nasal sinuses ...	5
(10) Other aspirated fluids ...	26
(11) Other aspirated fluids for tubercle bacilli ...	3
(12) Cultures of L. tropica and L. donovani ...	28
(*vi*) *Microscopic and cultural examination of*—	
(1) Pus ...	154
(2) Pus for tubercle bacilli ...	5
(3) Faeces for tubercle bacilli ...	4
(4) Throat swab ...	316
(5) Throat swab for tubercle bacilli ...	1
(6) Other inflammatory exudates ...	7
(*vii*) *Material from tissues sent for identification and isolation of M. tuberculosis* ...	8
(*viii*) *Examinations for the presence of micro-organisms.*—	
(1) Nasal secretions ...	41
(2) Urethral or cervical discharges ...	41
(*ix*) *Preparation of vaccines.*—	
(1) Autogenous vaccine ...	16
Total ...	9,902

III.—Biologic.

(1) Aschheim Zondek test (Friedmann's modification) ...	13
(2) Mantoux test ...	6
(3) Guinea pig inoculation for tubercular infection ...	4
(4) Guineapig inoculation for Leptospira ...	2
(5) Frei's test ...	102
(6) Casoni's test ...	11
Total ...	138

IV.—Biochemic.

(*i*) *Urine* :—	
(1) Estimation of chemical constituents.	
(*a*) Sugar ...	1
(*b*) Urea ...	6
(*d*) Haematoporphyrin ...	12
(2) Determination of diastasic index ...	5
(3) Diazo reaction ...	1
(4) Lead in urine ...	1
(5) Spectroscopic examination of urine	1
(6) Hippuric acid (liver function test)	2
(7) Bence Jones protein in urine ...	1
(*ii*) *Blood*—	
(1) *Determination of chemical constituents*—	
(*a*) Non-protein nitrogen ...	225
(*b*) Glucose ...	46
(*c*) Calcium ...	3
(*d*) Cholesterol ...	6
(*e*) Sulphanilamide content ...	14
(*f*) Inorganic phosphorous ...	3
(*g*) Bilirubin ...	1
(2) *Other tests*—	
(*a*) Determination of Icterus index	220
(*b*) Blood sugar curve ...	21
(*c*) Van den Bergh reaction ...	195
(*d*) Aldehyde test ...	35
(*e*) Urea clerance test ...	2
(*f*) Takata-Ara test ...	88
(*iii*) Analysis of stools (Estimation of fat) ...	2
(*iv*) *Cerebro-spinal fluid*—	
Determination of chemical constituents—	
(*a*) Chlorides ...	107
(*b*) Sulphanilamide ...	1
(*v*) Examination of gastric contents (fractional method)	824
(*vi*) Lange's Colloidal gold test ...	2
(*vii*) Prothombin time ...	13
(*viii*) Fragility of red cells ...	11
(*ix*) Bladder stone analysis ...	1
Total ...	1,850
Grand Total ...	17,946

303 autopsies were performed during the year 1944 as against 460 in 1943 and 362 in 1942. In the majority of cases the autopsies were performed on claimed bodies with the consent of relatives. In case of every post-mortem a record is kept of findings in each organ together with relevant bacteriological and other investigations carried out at the autopsy. The total number of 303 post-mortems include the following autopsies held on dead bodies received from other institutions specified below :—

Acworth Leper Home	7
Bai Jerbai Wadia Hospital for children	1
Nowrosjee Wadia Maternity Hospital	3
Maratha Hospital	1
Private (Partial)	1
Total ...	13

The records are carefully scrutinised and the preparation of an index in groups of thousand serial cases is continued. This index is useful for a rapid reference of the records for an analysis and a study of deaths from different diseases at the Hospital. A typed summary of the post-mortem findings is sent to the Hospital for being attached to the case papers.

The following table gives the number of blocks prepared and sections stained out of the post-mortem organs and the tissues received after surgical operations from 1st January 1944 to 31st December 1944, and in the previous years :—

Year.	Blocks of post-mortem organs.	Blocks of tissues from the surgical side of the K.E.M. Hospital.	Tissues received from enquiries under the I.R.F.A. and from outside.	Total.
1944 ...	1,450	1,403	103	2,956
1943 ...	1,456	986	300	2,742
1942 ...	1,661	800	127	2,588

Blood Bank.

No. of blood samples collected	685
No. of plasma samples separated ... ... —	86
No. of blood samples supplied for transfusions	599

APPENDIX No. 20

K. E. M. HOSPITAL, BOMBAY.

Poor Box Charity Fund Statement of Accounts for the year 1944-45.

Dr. RECEIPTS.

Particulars.	Rs. a. p.	Amount. Rs. a. p.
To balance in hand on 31st March, 1944. ...		528 4 11
To balance with the Chief Accountant, Bombay Municipality (subsequently withdrawn and credited to Central Bank of India, Ltd.) ...		27,447 8 3
To collections from outpatient boxes ...		4,018 3 1
To collections from ward boxes ...		7,512 2 6
To donations ...		20539 14 0
To Interest—		
Interest due for 1944-45	2,343 3 4	
Less Interest to be recovered from C. A.	1,517 13 0	
	825 6 4	
Less commission	0 4 6	825 1 10
To collections on account of medical certificates ...		3,213 8 0
To part payment of spectacles ...		146 0 0
To Contributions towards appliances, blood transfusion and costly injections ...		7,435 0 0
To sale of Hospital Pharmacopoeia, 3rd edition ...		1,280 0 0
To miscellaneous receipts ...		72 11 0
To security account by withdrawal of fixed deposit ...		2,500 0 0
Total ...		75,518 5 7

DISBURSEMENTS. *Cr.*

Particulars.	Amount. Rs. a. p.
By appliances such as artificial limbs, crutches, hernia belts, etc. ...	1,393 11 6
By supply of costly medicines, injections etc., to poor patients of the Hospital ...	20,638 10 0
By blood transfusion charges ...	2,861 4 0
By spectacles to patients ...	292 0 0
By travelling expenses to patients, etc. ...	133 8 0
By printing and stationery ...	4,750 0 0
By dead stock and equipment ...	2,495 0 0
By establishment charges ...	785 0 0
By miscellaneous expenses ...	322 2 0
By purchase of Securities—3½% G.P. Notes 1842-43 of the face value of Rs. 25,000 ...	24,843 12 0
By advance interest paid on Securities at the time of purchase ...	84 0 0
By execss of payments over receipts in the deposit account ...	1,840 0 6
By cash in hand on 31-3-1945 ...	428 5 0
By balance with the Central Bank of India, Ltd. ...	14,651 0 7
Total ...	75,518 5 7

Balance Sheet of the Poor Box Charity Fund, K. E. M. Hospital as on 31st March 1945.

Liabilities.

	Rs. a. p.	Rs. a. p.
Fund account Balance on 31st March 1944 ...	1,58,180 2 5	
Add—Excess of receipts over expenditure during 1944-45.	11,371 4 11	1,69,551 7 4
Deposit Account :—		
Patients' money ...	142 8 3	
Miscellaneous deposits ...	35 8 0	178 0 3
(*Note* :—Interest to be realized during 1944-45 not collected Rs. 1,517 13 0		
Total		1,69,729 7 7

Assets.

		Rs. a. p.	Rs. a. p.
Cash in hand		428 5 0	
Balance with the Central Bank of India, Ltd.		14,651 0 7	15,079 5 7
Investments (at cost) :—			
(1) 3½% G. .P. Notes (1842-43) of the face value of	41,000		38,304 6 0
(2) 3½% G. P. Notes (1854-55) of the face value of	9,000		6,368 2 0
(3) 3½% G. P. Notes (1865) of the face value of ...	13,000		10,532 8 0
(4) 3½% G. P. Notes (1879) of the face value of ...	1,000		735 0 0
(5) 3½% G. P. Notes (1900-01) of the face value of ...	17,000		15,608 12 0
(6) 3% Loan (1951-54) of the face value of ...	6,000		6,210 0 0
(7) 4% Loan (1960-70) of the face value of	20,000		20,933 0 0
(8) 4% B.P.T. Debentures (1968) of the face value of ...	3,000		3,333 12 0
(9) 4% B.P.T. Debentures (1969) of the face value of ...	500		555 10 0
(10) 4% B.P.T. Debentures (1973) of the face value of ...	500		555 10 0
(11) 4% B.P.T. Debentures (1962) of the face value of	500		465 0 0
(12) 4% B.P.T. Debentures (1965) of the face value of ...	1,000		930 0 0
(13) 4%B.P.T. Debentures (1972) of the face value of	10,000		9,300 0 0
(14) 4% B.P.T. Debentures (1973) of the face value of ...	1,000		930 0 0
(15) 4% B.M. Debentures (1974) of the face value of ...	500		510 0 0
(16) 6% B.M. Debentures (1950-60) of the face value of ...	12,000		11,718 2 0
(17) 5% B.M. Debentures (1954-59) of the face value of	18,000		16,123 12 0
(18) 4% B.M. Debentures (1961) of the face value of (original B.I.T. Debentures) ...	500		510 0 0
(19) 4% B.M. Debentures (1962) of the face value of ...	2,000		2,040 0 0
(20) 4% B.M. Debentures (1967) of the face value of ...	6,500		6,862 8 0
(21) 4% B.M. Debentures (1965) of the face value of ...	1,500		1,530 0 0
(22) 4% B.M. Debentures (1968) of the face value of ...	500		510 0 0
Advance interest paid at the time of purchase of securities of the face value of Rs. 25,000			84 0 0
		1,65,000 0 0	1,69,729 7 7

LEGAL ASSISTANT.

"Subject: *Administration Report for the year 1944-45.*

During the year under review I held the charge of this department.

This Department has been attending to the following work:—

(1) Police Court-cases; (2) Small Causes Suits including References; (3) High Court matters including Appeals and Revision applications; (4) Attendance before Public Officers; (5) Conveyancing matters, such as Sale Deeds, Leases, Agreements, etc.; (6) Advices and opinions including advice on documents; (7) Amendment of Municipal Act: (8) Assessment Appeals; (9) Election Appeals.

During the year under Report 3,225 files were received from various departments and 2,037 letters were written to outside parties or their legal advisers, opinions in various departmental matters and advices on 162 documents were given.

Fourty-seven High Court Suits, 1 High Court Civil Appeal, 3 Revision Applications, 46 Small Causes Court Suits, 26 Police court cases, and 51 Assessment Appeals were attended to.

Fifty-six Conveyances, 11 Agreements, 16 Declarations, 15 Indemnities, 48 Temporary Agreements, Leases, etc., 117 Leases, 23 Surrenders of Lease, 65 Licences to Assign and 16 other documents were completed.

The Staff of the Department was further strengthened as follows:—

One Junior Legal Assistant, One Managing Clerk,
One General Clerk, Two Typists and one Peon.

MANBHOY B. MANIAR,
Legal Assistant.

EDUCATIONAL.

THE SCHOOLS COMMITTEE OF THE BOMBAY MUNICIPALITY.

Subject: *Administration Report for the year 1944-45.*

The Committee's personnel.

The Schools Committee at the end of the official year 1943-44 consisted of the following Members :—

1. Dr. Homi F. Pavri, M.C.P.S., M.B. B.S., (*Chairman*).
2. Mr. A. A. Baigmahomed.
3. Mr. A. L. Curtay, J.P.
4. Mr. B. M. Khandray.
5.* Mrs. Kantaben D. Khandvala, B.A.
6. Mrs. Lilavati K. Munshi, M.L.A.
7.* Mrs. Lilavati V. S. Velinkar, M.A.
8. Dr. Mrs. Malinibai B. Sukthankar, M.B. B.S. J.P.
9. Mr. N. C. Pupala, G.I., Struct.E.
10. Mr. N. S. Kajrolkar.
11.* Mr. Nanubhai V. Desai, B.A., G.D.A., R.A.
12. Mr. P. K. Sawant, B.A., LL.B.
13.* Mr. P. R. Lele, B.A., LL.B.
14. Mr. Salebhoy Abdul Kader.
15. Mr. Z. J. Chowdhary.
16. Vacant seat. (Due to resignation of Mrs. Khadija Shuffi Tyabji, from 23rd March 1944).

Under Section 39(4)(*bb*) of the Municipal Act, eight of these Members retired from office on the first day of April 1944, and under Section 39(4)(*c*) of the Act, their places were filled up by the Municipal Corporation from the same date. Out of the eight Members who retired, four were re-appointed. The Committee thus formed for the year 1944-45 consisted of the following Members :—

1.* Mr. B. B. Vyas, M.A., LL.B.
2. Mr. B. M. Khandray.
3. Mrs. Kantaben D. Khandvala, B.A.
4. Mr. Kashiprasad Singh.
5. Mrs. Lilavati K. Munshi, M.L.A.
6.* Mrs. Lilavati V. S. Velinkar, M.A.
7. Dr. Mrs. Malinibai B. Sukthankar, M.B. B.S. J.P.
8. Mr. M. V. Donde, B.A.
9. Mr. N. S. Kajrolkar
10.* Mr. Nanubhai V. Desai, B.A., G.D.A., R.A.
11. Mr. P. K. Sawant, B.A., LL.B.
12. Mr. Salebhoy Abdul Kader.
13. Mr. Y. K. Khadilkar.
14. Mr. Z. J. Chowdhery.
15. Vacant seat. (Due to Mrs. Tyabji's vacancy not having been filled up.
16. Vacant seat. (Due to resignation of Mr. A. A. Baigmahomed from 1st April 1944).

Mrs. Khadija Shuffi Tyabji and Mr. A. A. Baigmahomed were reappointed to the vacant seats from 4th May 1944 and 8th May 1944 respectively.

The Committee for the year 1944-45, at their first Meeting held on the 5th April 1944, elected Mr. N. S. Kajrolkar to be their Chairman for the year.

Mr. Nanubhai V. Desai died on 17th July 1944 and Mr. P. R. Lele was appointed on the Committee in the vacancy thus caused from 7th August 1944. There was no other change in the Committee's personnel during the rest of the year.

Miss Kapila T. Khandvala, B.A., B.T. (Hon.), M.A. (U.S.A.), continued to hold the office of the Secretary, Schools Committee, throughout the year.

Meetings.

2. The Committee held in all 79 Meetings during the year. The number of Meetings of the various Sub-Committees held during the year was 54.

Municipal Schools and Pupils

3. During the year under report, the number of pupils in Municipal Schools increased from 1,00,131 to 1,18,646. This increase in the number of pupils was partly due to the return of many families who had left the city on account of war panic in the year 1942 and partly due to vigorous propaganda work done by the department in the months of December 1944 and January 1945, for bringing to school, as many non-attending children of compulsory school-going age as possible. The propaganda work included mass meetings held in educationally back-ward localities and house to house visits by teachers and peons. The number of propaganda meetings held was 44 and His Worship the Mayor, Members of the Schools Committee and many members of the Corporation took an active part of these meetings. Many members of the public also lent their active co-operation and hearty support.

The detailed figures of schools and pupils for the year under report and for the previous year are given in the following statement :—

Class of Schools.	No. on 31st March 1944.		No. on 31st March 1945.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi Boys' Schools ...	106	39,978	106	47,415
Marathi Girls' Schools ...	69	23,471	69	28,759
Total ...	175	63,449	175	76,174
Gujarati Boys' Schools ...	46+5 Classes.	8,293	47+3 Classes.	9,855
Gujarati Girls' Schools ...	28+5 Classes.	6,693	29+5 Classes.	8,388
Total ...	74+10 Classes.	14,986	76+8 Classes.	18,243
Urdu Boys' Schools ...	52+14 Classes.	10,273	53+14 Classes.	11,461
Urdu Girls' Schools ...	42+1 Class.	6,566	42+1 Class.	7,111
Total ...	94+15 Classes.	16,839	95+15 Classes.	18,572
Kanarese, Telugu, Tamil, Malayalam, etc., Schools ...	16	1,271	16	1,574
Hindi Schools ...	27	3,586	27	4,083
Total ...	43	4,857	43	5,657
Grand total of all Municipal Schools	386+25 Classes	1,00,131	389+23 Classes.	1,18,646

* Non-Councillor Members.

4. The total number of teachers, permanent & non-permanent as on 31st March 1945, was as under:—

Teachers in Municipal Schools.

Ordinary permanent teachers	...	2,322
Ordinary non-permanent full-time teachers	...	957
Ordinary non-permanent part-time teachers	...	†
Special teachers	...	104
Total	...	3,383

5. The number of pupils in Aided Schools rose during the year under review from 40,008 to 42,464. The number of Aided Schools and pupils in them will be seen from the following statement:—

Aided Schools and pupils.

	On 31st March 1944.				On 31st March 1945.			
	No. of Schools.	Boys.	Girls.	Total.	No. of Schools.	Boys.	Girls.	Total.
Marathi Schools—								
Boys' Schools ...	33	3,029	1,809	4,838	34	3,162	1,880	5,042
Girls' Schools ...	3	188	438	626	3	226	492	718
Night Schools ...	†	†	†	†	†	†	†	†
Total ...	36	3,217	2,247	5,464	37	3,388	2,372	5,760
Gujarati Schools—								
Boys' Schools ...	72	9,553	3,430	12,983	72	10,575	3,902	14,477
Girls' Schools ...	23	622	3,716	4,338	22	648	3,830	4,478
Night Schools ...	3	120	†	120	3	112	†	112
Total ...	98	10,295	7,146	17,441	97	11,335	7,732	19,067
Urdu Schools—								
Boys' Schools ...	18	2,257	981	3,238	17	2,204	955	3,159
Girls' Schools ...	4	...	871	871	4	...	884	884
Night Schools ...	2	174	...	174	2	257	...	257
Total ...	24	2,431	1,852	4,283	23	2,461	1,839	4,300
English-teaching Schools—								
Boys' Schools ...	20	4,736	1,873	6,609	20	4,829	1,914	6,743
Girls' Schools ...	8	320	2,300	2,620	8	300	2,385	2,685
Total ...	28	5,056	4,173	9,229	28	5,129	4,299	9,428
Hindi, Sindhi, South Indian etc. Schools—								
Boys' Schools ...	9	1,269	446	1,715	9	1,496	567	2,063
Girls' Schools ...	2	...	479	479	2	...	511	511
Night Schools ...	4	643	22	665	4	620	34	654
Total ...	15	1,912	947	2,859	15	2,116	1,112	3,228
Grand Total ...	201	22,911	16,365	39,276	200	24,429	17,354	41,783
Special Institutions ...	4	354	378	732	4	351	330	681
Grand Total ...	205	23,265	16,743	40,008	204	24,780	17,684	42,464

Besides the Aided Schools, there are also other schools which are recognised but do not receive a grant-in-aid from the Schools Committee. The number of such schools and the number of pupils in them, as on 31st March 1944 and 31st March 1945, are given below:—

Class of Schools.	On 31st March 1944.				On 31st March 1945.			
	No. of Schools.	Boys.	Girls.	Total.	No. of Schools.	Boys.	Girls.	Total.
Recognised Schools—								
Boys' Schools ...	14	2,250	384	2,634	12	2,369	486	2,855
Girls' Schools ...	5	7	218	225	5	66	402	468
Total ...	19	2,257	602	2,859	17	2,435	888	3,323

6. The total number of full-time and part-time teachers in Aided Schools at the end of the year was 1,904 as against 1,821 of the previous year, the particulars being as under :—

Teachers in Aided Schools.

	Full-time teachers.			Part-time teachers.		
	Males.	Females.	Total	Males.	Females.	Total.
On 31st March 1944.						
Ordinary Teachers	535	741	1,276	102	57	159
Special Teachers	18	17	35	231	120	351
Total ...	553	758	1,311	333	177	510
Grand Total ...			1,821			
On 31st March 1945.						
Ordinary Teachers	551	765	1,316	85	57	142
Special Teachers	24	29	53	255	138	393
Total ...	575	794	1,369	340	195	535
Grand Total ...			1,904			

Grants to Aided Schools.

7. The total amount of grants paid during the year was Rs. 2,81,975, as against Rs. 2,12,331, in the previous year.

Total expenditure and cost per pupil in Aided Schools.

8. The total expenditure incurred by the Aided Schools, as shown by them, amounted to Rs. 17,43,959. The average number of pupils on rolls in Aided Schools during the year was 40,874 and on the basis of this number the cost per pupil in these schools works out to Rs. 42.7 as against Rs. 40.3 in the previous year. The cost per pupil to the Municipality by way of Grant was Rs. 6.9 as against Rs. 5.7 of the previous year.

Visits to Schools.

9. The Secretary and the other Supervising Officers paid visits to the Municipal and Aided Schools as usual.

Free & Compulsory Education.

10. No Census of the non-attending children of Compulsory age in the City was taken during the year under report and hence the exact number of non-attending children in the City, at the end of the year cannot be given here. It would also not be possible to give any reasonably approximate forecast of the non-attending number on the basis of the City's population owing to the fact that there has been a great increase in the City's population since the last Census was taken and further that the increase in the population is mostly in the adult males who have come down rom upcountry to avail themselves of the jobs offered in mills, factories and offices on account of the war situation.

Although, however, the Census of non-attending children was not taken, all efforts to bring such children to school were made as stated already in paragraph 3, by propaganda work. The increase of over 18,000 pupils on rolls in the Municipal Schools registered during the year under report was mostly due to this propaganda work. The propaganda work was also followed up by setting up an agency of part-time peons whose main business was to see that pupils newly enrolled remain regular in attendance and continue in the school.

Owing to the large number of children thus enrolled in schools and the difficulty of securing any more accommodation, the Committee had to take recourse to the system of holding schools in two sessions of the first or the forenoon Session which is the shorter one being meant for the Infants and Std. I and the second Session which begins at Noon being meant for the other standards. About 30,500 pupils had to be thus accommodated in the forenoon Session for want of space, during the last quarer of the year.

Income & Expenditure.

11. The year under report opened with a balance of Rs. 20,000. usual. The total amount at the disposal of the Schools Committee was Rs. 53,30,124-9-6 as show below :—

Opening Balance.	Municipal Grant.	Other miscellaneous receipts.	Total.
Rs. as. p. 20,000 0 0	Rs. as. p. 52,70,970 0 3	Rs. as. p. 39,154 9 3	Rs. as. p. 53,30,124 9 6

The total expenditure for the year, excluding the expenditure on the head office which is met from the General Municipal Fund, amounted to Rs. 53,10,124-9-6, leaving a Closing Balance of Rs. 20,000. The details of the Receipts and Expenditure for the year under report will be found in Appendix A.

Expenditure on the Head Office.

12. The expenditure on the Schools Committee's Head Office, which is paid out of the General Municipal Fund, was Rs. 80,181-4-0, for the year. The staff of this office consists mainly of the Secretarial, Accounts, Correspondence and Records branches of the department.

Government Grant on the cost of Primary Education.

13. The grant-paid by Government to the Municipality towards Primary Education in the City during the year amounted to Rs. 9,62,303 which included an amount of Rs. 25,280 meant for the English teaching Aided Schools the control of which was transferred by Government to the Schools Committee in the year 1943-44. The Schools were aided directly by Government till the year 1942-43.

Average cost per-pupil.

14. The average cost per pupil in Municipal Schools calculated on the number of pupils on the rolls (1,18,646) on the last day of the year, was Rs. 42.2. The figure for the previous year was Rs. 44.5. The average number of pupils on rolls during the whole year was 1,07,362 and calculated on the basis of that figure the cost per pupil works out to Rs. 46.7 as against Rs. 47.9 of the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report calculated on the number of pupils on the rolls on the last day of the year and on the average number of pupils on the rolls throughout the year will be Rs. 42.9 and Rs. 47.4 respectively. The reduction in the cost per pupil during the year was the direct result of the increase in the number of pupils.

The following table will show at a glance, the average cost per pupil during the year under report together with the corresponding figures for the previous year :—

	Expenditure per pupil for	
	1943-44. Rs.	1944-45. Rs.
(*a*) According to the number of pupils on rolls (1,00,131) on 31-3-1944 ...	44.5	
Do. do. do. (1,18,646) on 31-3-1945 ...		42.2
(*b*) According to the average number of pupils on rolls (93,021) for the whole year 1943-44	47.9	
Do. do. do. (1,07,362) for the whole year 1944-45		46.7
(*c*) As per (*a*) above, *plus* expenditure on the Head Office for the year 1943-44	45.2	
Do. do. do. do. for 1944-45		42.9
(*d*) As per (*b*) above, *plus* expenditure on the Head Office for the year 1943-44.	48.6	
Do. do. do. do. for the year 1944-45.		47.4

Audit of the Accounts.

15. The staff of the Chief Auditor's Establishment, stationed in the Schools Committee's Office, for auditing the School Fund accounts carried on their work as usual and suggestions made by them were attended to by the Accounts Department.

Boy Scouts.

16. Mr. M. V. Donde, B.A., District Commissioner, and Mr. M. M. Killedar, M.L.A., J.P., and Mr. R. K Achrekar, Assistant District Commissioners of the Municipal Boy Scouts continued to hold their respective offices during the year under report. Mr. P. K. Sawant, B. A., LL.B., was appointed as an additional Assistant District Commissioner from February 1945. The number of troops and packs at the end of the year was 68 and 110 respectively and that of Scouts and Cubs was 1,943 and 3,414 respectively. All the annual Scout functions and the usual activities were carried out vigorously and the Municipal Scouters and Scouts also assisted as volunteers (*i*) at the relief centres opened for the peopole who were stranded on account of the Docks Explosion that took place in April 1945 (*ii*) in the work of collecting funds for the Kasturba Gandhi National Memorial Fund (*iii*) in the Free and Compulsory Education (Proapaganda carried out in December 1944 and January 1945 and similar other activities of national, public or civic importance.

The Boy Scout Department of the Schools Committee is also running, for several years past, a welfare Centre at Kasarwady (Taikalwady) for the benefit of the residents (most of whom belong to the scheduled classes) of the locality. The activities at this centre consist of (*i*) night classes for teaching English, Marathi and Gujarati to adults (*ii*) a Reading Room (*iii*) a gymnasium (*iv*) games (*v*) excursions (*vi*) sanitation and health propaganda, etc. The expenses of the Welfare Centre are met out of a grant of Rs. 75 per month received from Municipal Funds under a special sanction granted by the Standing Committee. Owing, how ever, to the rise in prices every where, it has been found that this amount of grants is not adequate for the maintenance of the Centre.

Girl Scouts.

17. Mrs. Khadija Shuffi Tyabji, M.L.A., J.P., continued as District Commissioner of Municipal Girl Scouts, during the year. The total number of Girl Scouts and Bulbuls at the end lof the year was 4,583 out of whom 1,179 were Girl Souts and the rest were Bulbul. The number of Girl Scout Companies was 46 and that of Bulbul Flocks was 110. The Girl Scouters and Girl Scouts rendered signal services by working as volunteers in Relief work after the Docks explosion and in the work of making collections for the Kasturba Relief Fund and in similar other activitices.

Teaching of Hindustani in Municipal Schools.

18. For several years past, Hindustani was being taught in Higher Standards of a few selected municipal schools, but during the year under report the Schools Committee took up the question of introducing the subject in all municipal schools (except the Urdu and Hindi Schools) and in January 1945, they adopted a resolution according to which it was decided to take immediate steps for the purpose. As a result, the teaching of Hindustani was introduced forthwith in standard V of all Upper Primary Schools and standard I of all Central Schools. A batch of teachers who already possessed certificates of having passed examinations in Hindi was trained in a Refreshers' Class specialy held for the purpose in March and April 1945. Further steps are being taken for the training of more teachers and it is expected that next year standard III and all higher standards in all schools except Hindi and Urdu will be receiving instruction in this subject.

Central Schools.

19. The following number of pupils were receiving instruction in vocational subjects at the Central Schools maintained by the Schools Committee, for teaching these subjects:—

Subject.	No. of pupils.
Carpentry ...	421
Tailoring ...	196
Clock-repairing ...	53
Sign-board Painting ...	19
Book-binding ...	52
Printing ...	77
Total ...	818

The number of pupils from Central Schools who appeared for the carpentry examination was 69, and 23 out of them were successful. 26 out of the 33 pupils who appeared from the Municipal Tailoring Classes for the Government Examinations came out successful. The annual Handicraft Exhibition was held from 23rd March 1945 to 30th March 1945 and the sale proceeds of articles disposed of at the Exhibition amounted to Rs. 2,800.

20. The following number of ladies were under training in the classes of the Rahimtoola Currimbhoy Urdu Training Institute during the year under report :—

The R. C. Training Institute.

Class.	No. of girls stipendiaries.	No. of teachers on deputation.	Total No. of pupils.
Junior 1st Year Class ...	10	...	10
Senior 1st Year Class ...	11	4	15
Total ...	21	4	25

The results of the examinations held in the year 1945 are given below :—

Junior 1st Year.		Senior 1st Year.	
No. appeared.	No. passed.	No. appeared.	No. passed.
9	9	15	6

The Marathi, Gujarati, Hindi, & Urdu Training Classes.

21. The Marathi, Gujarati, Hindi and Urdu Training Classes which were started during the year 1942-43 and continued during the year 1943-44 were all closed during the year under report with the exception of the First Year Senior Class for lady teachers at the Byculla Marathi Teachers' Training College. There were 40 pupils under training at the said class during the year.

Annual Sports.

22. The Annual Sports for pupils in Municipal Schools were being held in former years together for all schools on each side, *i.e.* Marathi, Gujarati and Urdu—Boys and Girls—separately but at once place. During the year under report the former system was changed and combined groups of schools, *i.e.*, Marathi, Gujarati Hindi and Urdu together held the sports on several play-grounds in different localitices of the City. The final prize distribution of the Sports was held on the 16th December 1944 at the Damodar Thakarsey Hall Play ground at Parel, under the presidentship of Mr. U. M. Mirchandani, B.A., I.C.S., J.P., Municipal Commissioner. Mr. Mirchanadani was good enough to announce on the occasion his intention to donate a Championship Cup to be called "The Municipal Commissioner's Cup" for being awarded to the Winner in the Annual Sports from next year. The Committee's best thanks are due to Mr. Mirchandani for this offer.

The Local Committee.

23. The seven Local Ward Committees—consisting of some members of the Corporation and some members of the public taking interest in educational matters carried on their usual work during the year under report. The A Ward Local Committee introduced a special feature by arranging an elocution competition for pupils of schools in A Ward.

The Municipal Teachers' Library.

24. During the year under report the stock of books in the Municipal Teachers' Library was replenished by the addition of about 2,500 new books of interest on a variety of subjects. This added to the popularity of the library among teachers with the result that the number of books taken from the library by teachers exceeded that in the previous year by about 21 per cent. on an average. The total number of books iussed to teachers during the year was 11,621.

The Employees' Co-operative Credite Society.

25. The Schools Committee's Employees' Co-operative Credit Society, Ltd. carried on its business on a progressive scale during the year under report. This Society besides granting loans, also keeps saving accounts for its members and has an arrangement under which its members can take Insurance Policies, the premia of which are paid by the Society in the first instance and are recovered by small monthly instalments from the salaries of the insured member.

Miscellaneous.

26. Among the special features of the year might be mentioned (*i*) the Cinema films on cultural subjects and Health propaganda exhibited for the benefit of teachers and pupils by the Propaganda Officer of the Municipality in March 1945 and (*ii*) the Library Week arranged by the Schools Committee towards the end of September 1944. The Library week was held in the Library Hall in the Gilder Tank Building ; all kinds of books useful for teachers and pupils of primary schools were borrowed for the purpose from book-sellers and were exhibited in the Hall and batches of teachers and pupils from all schools were allowed to visit the Exhibition and acquaint themselves with the books.

School premises allowed for Milk Centres.

27. During the year under report the Government subsidized Milk Scheme for supply of pure milk to children and expectant and nursing mothers, was stareted and the authorities having approached this department for allowing them the use of portions of Municipal school premises in the mornings and afternoons for locating the centres for distribution of milk, the permission was granted and now there are milk centres in more than half the number of Municipal Schools. Peons in these schools have also been permitted to take up part-time work as salesmen at the milk centres.

Appreciation of work done by the staff.

28. In conclusion, the Schools Committee place on record their appreciation of the Services rendered by the officers, clerks, teachers and the inferior staff in their Department, during the year under report.

K. KHANDVALA,
Secretary, Schools Committee.

APPENDIX 'A'

THE BOMBAY MUNICIPAL SCHOOLS COMMITTEE.

Income and Expenditure Account of the School Fund for the year 1944-45.

Receipts.	Rs. as. p.
(1) Balance on 1st April 1944, ...	20,000 0 0
(2) Fees from Municipal Schools ...	28,119 12 0
(3) Contribution from General Municipal Fund ...	52,70,970 0 3
(4) Interest on Endowment and Trust Funds	6,047 15 0
(5) Miscellaneous Receipts ...	4,985 14 3
Total ...	53,30,124 9 6

Expenditure.	Rs. as. p.	Rs. as. p.
A-Schools.—		
(1) Headmasters and Teachers ...	26,50,554 5 0	
(1A) Training Institutions	25,332 11 9	
		26,75,887 0 9
(2) Servants ...		2,28,287 8 0
(3) Rent of School Premises ...		5,53,518 12 10
(4) Class Books ...		6,459 12 5
(5) Furniture for Schools ...		2,691 12 0
(6) Prizes ...		...
(7) Contingencies and Miscellaneous ...		9,84,592 15 3
(8) Stipends to students under training ...		4,254 2 0
(9) Superintendents & their Establishments		1,53,335 2 3
(10) Grant-in-aid to Primary Schools ...		2,81,975 0 0
(11) Teachers' Library & Museum ...		6,299 6 6
(12) Medical Inspection & Clinical Treatment		...
(13) Superintendent, Aided Schools ...		15,726 1 0
(14) Census Establishment ...		31,795 10 6
(15) Pension Gratuity, & Compassionate Allowance ...		1,44,706 12 0
(16) Municipal share towards Provident Fund ...		2,09,023 13 0
B.—Buildings.—		
Monsoon & Petty Repairs ...		11,570 13 0
Balance as on 31st March 1944 ...		20,000 0 0
Total ...		53,30,124 9 6

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

APPENDIX 'B'.

Balance Sheet as on 31st March 1944.

Liabilities.	Rs. as. p.	Rs. as. p.
Advances from the Chief Accountant.		
On account of Municipal contribution ...		1,58,396 3 4
Deposit Accounts.		
Miscellaneous ...	15,616 13 3	
Unclaimed wages, of schools ...	14,715 0 3	
Unclaimed Rent ...	2,973 4 0	
C. C. Bank ...	1,947 11 0	
Unclaimed wages, of offices ...	1,633 4 0	
Contractors ...	581 0 0	
Court attachment recoveries ...	60 4 0	
E. A. & L. M. Rent recoveries ...	40 0 0	
Income-tax recoveries ...	29 5 0	
		37,596 9 6
Trust Scholarships and Prize Funds (vide Schedule No. 1).		
Investments as per contracts ...	2,10,856 14 0	
Cash ...	13,410 0 5	
		2,24,266 14 5
Balance (Statutory) ...		20,000 0 0
Total ...		4,40,259 11 3

Assets.	Rs. a. p.	Rs. as. p.
Investment and securities. (vide Schedule No. 2).		
On account of Trust, Scholarship and Prize Fund (as per contracts) ...		2,10,856 14 0
Advances.		
To Heads of schools (for contingency)	2,798 12 0	
To officials (*vide* Schedule No. 3) ...	499 0 0	
To Garrison Engineer for water charges ...	5 0 0	
		3,302 12 0
Bank and Cash Balances.		
Balance at Imperial Bank	2,24,663 15 3	
Cash in Office Treasury	1,436 2 0	
		2,26,100 1 3
Total ...		4,40,259 11 3

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

APPENDIX B.

Balance Sheet as on 31st March 1944.

SCHEDULE No. 1.

Details of Trust Scholarships and Prize Funds.

Serial No.	Names of the Funds.	Investments.	Interest & cash.	Total.
		Rs. as. p.	Rs. as. p.	Rs. as. p.
(1)	Donations, *re*: scholarships to Urdu Girls' Schools	...	194 9 0	194 9 0
(2)	Harkisondas Brijlal Prize Fund ...	600 0 0	43 15 0	643 15 0
(3)	Dr. Blaney Prize Fund ...	1,300 0 0	127 12 0	1,427 12 0
(4)	Madhavdas Raghunathdas Prize Fund ...	500 0 0	51 8 0	551 8 0
(5)	Jivkore Lallubhai Scholarship and Prize Fund ...	8,413 8 0	557 0 7	8,970 8 7
(6)	Bachubai S. Bengali Prize Fund ...	1,200 0 0	97 12 0	1,297 12 0
(7)	Lady Hardinge Prize Fund ...	1,600 0 0	155 11 3	1,755 11 3
(8)	R. S. Taki Scholarship and Prize Fund ...	1,100 0 0	132 13 0	1,232 13 0
(9)	War Loan Prize Fund ...	4,400 0 0	337 3 0	4,737 3 0
(10)	Rambhabai Laldas Prabhudas Scholarship and Endowment Fund ...	10,000 0 0	213 5 4	10,213 5 4
(11)	Permanand Raja Endowment Fund ...	13,800 0 0	...	13,800 0 0
(12)	Valibai Vallabhdas Endowment Fund ...	29,000 0 0	...	29,000 0 0
(13)	Nagardas Raghunathdas Scholarship and Endowment Fund ...	23,000 0 0	225 3 0	23,225 3 0
(14)	Navalbai Raghunathdas Scholarship Fund ...	2,800 0 0	310 2 8	3,110 2 8
(15)	Madhavrao Rokde Free School Endowment Fund	27,800 0 0	...	27,800 0 0
(16)	N. G. Welinkar Scholarship and Prize Fund ...	1,043 2 0	141 10 5	1,184 12 5
(17)	Jairajbhoy Peerbhoy Girls' School Trust Fund ...	2,400 0 0	...	2,400 0 0
(18)	Thakkar Peraj Padamsi Endowment Fund ...	8,000 0 0	30 0 0	8,030 0 0
(19)	Parvatibai Dwarkadas Prize Fund ...	200 0 0	18 0 0	218 0 0
(20)	Golden Jubilee of the S. S. Bengali School Trust Fund ...	4,900 0 0	644 4 0	5,544 4 0
(21)	Seth Dwarkadas Tribhuwandas, J.P., Garba Party Lahani Fund ...	5,500 0 0	435 1 0	5,935 1 0
(22)	Ratansi Mulji Scholarship and Endowment Fund	10,000 0 0	255 2 0	10,255 2 0
(23)	Manekbai Ratansi Prize Fund ...	1,000 0 0	79 8 0	1,079 8 0
(24)	Seth Dwarkadas Tribhuwandas, J.P., Prize Fund	3,000 0 0	295 12 3	3,295 12 3
(25)	Rahimtoola Currimbhoy Training Institute for Women Scholar-ship Fund ...	18,000 0 0	7,628 3 1	25,628 3 1
(26)	Padmabai Quran Shariff School Trust Fund ...	6,500 0 0	...	6,500 0 0
(27)	Jeshtaram Premji Gujarati School Trust Fund ...	9,100 0 0	...	9,100 0 0
(28)	Bai Gulabbai H. Shah Prize Fund ...	900 0 0	143 14 6	1,043 14 6
(29)	Khurshedbai D. Wadia Prize Fund ...	500 0 0	59 12 0	559 12 0
(30)	S. B. Pendurkar Scholarship Fund ...	600 0 0	113 0 1	713 0 1
(31)	S. S. Bengali Gujarati Girls' School Trust Fund	97 10 0	9 3 4	106 13 4
(32)	H. G. Anjaria Memorial Fund ...	1,200 0 0	318 1 0	1,518 1 0
(33)	Anandibai Keskar Dadar Kumbharwada Marathi Girls' School Trust Fund. ...	100 0 0	7 0 0	107 0 0
(34)	Municipal Gulabbai Central Gujarati Kanyashala Diamond Jubilee Memorial Fund ...	5,200 0 0	363 2 1	5,563 2 1
(35)	Vishnupant Pagnis Memorial Fund ...	1,500 0 0	131 12 0	1,631 12 0
(36)	Behn Manjula Daughter of Ramdas Madhavji Memorial Fund ...	2,500 0 0	130 14 0	2,630 14 0
(37)	Nowrozji Sorabji Bengalee Prize Fund ...	1,953 12 0	114 6 2	2,068 2 2
(38)	Bai Kashibai Itchhashankar Joshi Prize Fund ...	1,148 14 0	44 7 8	1,193 5 8
	Total ...	2,10,856 14 0	13,410 0 5	2,24,266 14 5

Note—(1) 3½% Stock of the face value of Rs. 15,000 is in safe custody with the Reserve Bank of India on account of Jairajbhoy Peerbhoy Girls' School Trust Funds (No. 17) and the transfer thereof to the Schools Committee is under negotiations.

(2) There are some gold, silver, copper coins, etc., in the Office Treasury and they are not shown in the Balance Sheet.

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

SCHEDULE No. 2.

Details of Government, etc., paper deposited with the Imperial Bank of India.

Particulars.	Face value.	Book value.
	Rs.	Rs. as. p.
3½ per cent. Government Loan (1842-43) ...	40,800	40,743 2 0
Do. (1854-55) ...	9,700	9,697 10 0
Do. (1900-01) ...	21,400	21,400 0 0
Do. (1865) ...	8,500	8,467 4 0
Do. (1879) ...	1,000	1,000 0 0
5 per cent. Tax Free Loan (1945-55) ...	22,300	22,300 0 0
4½ per cent. Govt. Loan, (1955-60) ...	12,600	12,600 0 0
4 per cent. Bombay Municipal Debentures (1963-65) ...	2,500	2,500 0 0
4 per cent. Bombay Municipal Loan 70 lacs (1974) ...	29,000	29,000 0 0
6 per cent. Bombay Municipal Loan 160 lacs (1954) ...	35,000	35,000 0 0
6 per cent. Bombay Municipal Loan 40 lacs (1930) ...	500	500 0 0
4 per cent. B.P.T Bonds (1950-60) ...	24,500	24,500 0 0
3 per cent. 1896-.97 Stock ...	1,300	1,148 14 0
4½ per cent. Ghatkopar-Korol Municipal Debentures. ...	1,000	1,000 0 0
10 shares of Rs. 100/- each of theAhmedabad Commercial Mills, Co. Ltd.	1,000	1,000 0 0
Total ...	2,11,100	2,10,856 14 0

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

SCHEDULE No. 3.

Details of Advances to Officials.

Serial No.	Name.	Amount.
		Rs.
1	Secretary, Schools Committee ...	250
2	Superintendent, Aided Schools ...	40
3	Special Attendance Officer	30
4	In-charge Teacher Painting Class	21
5	Assistant Organising Commissioner, Boy Scouts ...	20
6	Headmaster, Bhuleshwar Gujrati School Printing Class	20
7	Headmaster, Foras Road Marathi School Binding Class ...	18
8	Headmistress, R. C. Training Institute ...	15
9	Supervisor, Handicrafts & Stores ...	15
10	Librarian, Teachers' Library ...	15
11	Clerk A, B & C Ward Local Committees	15
12	Assistant Organising Commissioner, Girl Guides ...	10
13	Clerk, D & G Ward Local Committees	10
14	Clerk, E & F Ward Local Committees	10
15	In-charge Teacher, Clock Repairing Class	10
	Total ...	499

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

PART II.

CONTENTS.

N. B.—Tables relating to (1) Deaths by Causes and Races (2) Deaths in Hospitals (3) Deaths by Causes and Occupations (4) Vaccination operations by Sections (5) Vaccination operations by Months and (6) Vaccination of Infants and Births Registered are not printed in this Report owing to shortage of paper but are available in the Office for reference.

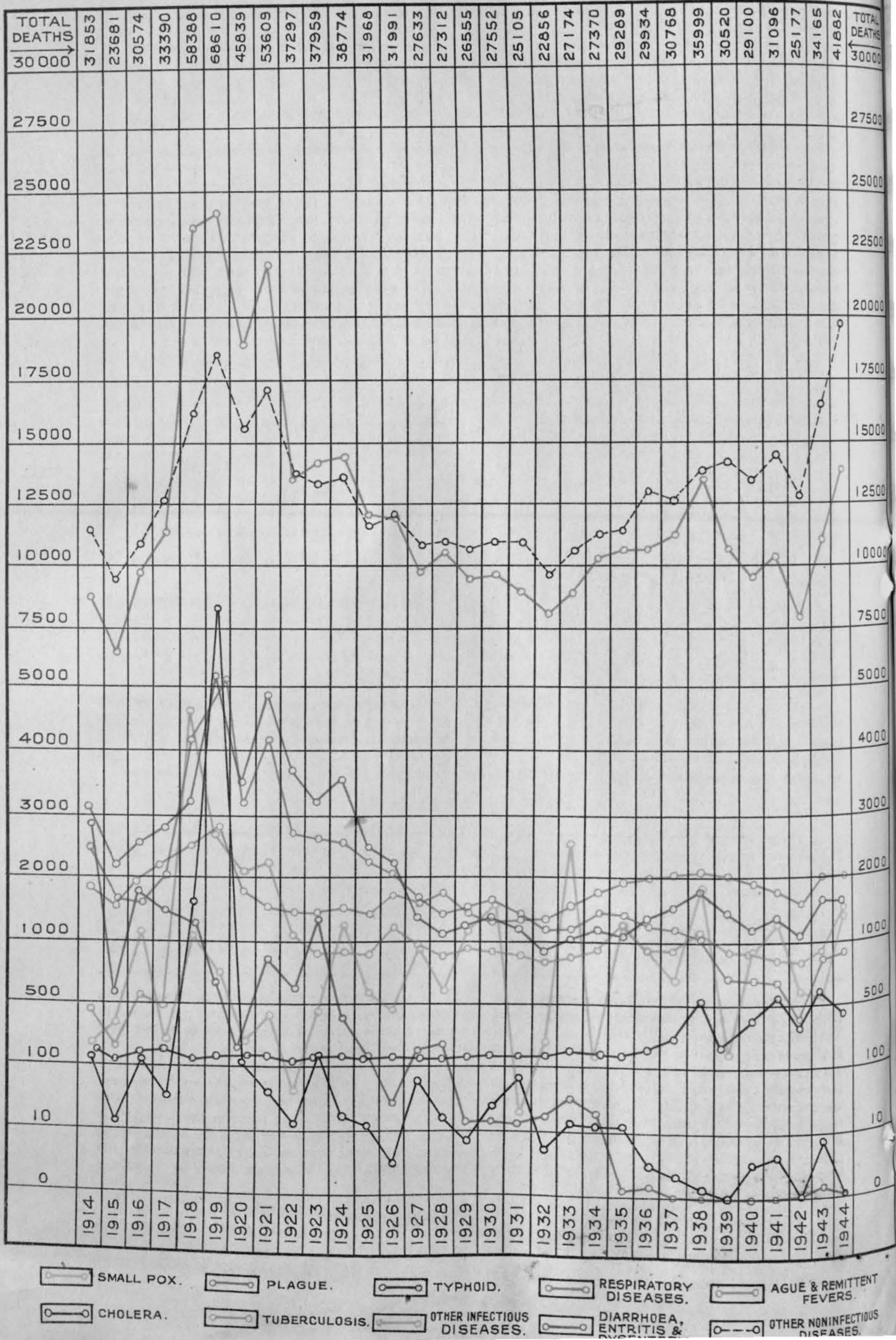
SUMMARY OF STATISTICS.

FOR THE YEAR 1944.

1	Area of Bombay City and Island	26.189 Sq. Miles
2	Average density per acre	89
3	Population by the Census of 1941	14,89,883
	„ „ (Actual) ... ... over ...	23,00,000
4	Number of live births registered	56,907
5	Birth rate per 1,000 population (Census)...	38.2
	„ „ „ (Actual)	24.7
6	Number of deaths	41,682
7	Death rate per 1,000 population (Census)...	28.1
	„ „ „ (Actual)	18.2
8	Number of deaths among infants (under 1 year)	11,552
9	Infant deaths per 1,000 births	203.0
10	Plague—number of deaths from	Nil
11	Small pox—number of deaths from	1,391
12	Small pox—Death rate	0.9
13	Cholera—number of deaths from	Nil
14	Influenza—number of deaths from	37
15	Influenza—Death rate	0.0
16	Tuberculosis—number of deaths from	2,006
17	Tuberculosis—Death rate	1.3
18	Maternal Deaths	194
19	Maternal Death rate per 1,000 births (including still births)	3.2
20	Maternal Death rate per 1,000 live births	3.4

DIAGRAM

ANNUAL TOTAL DEATHS FROM DIFFERENT CAUSES IN BOMBAY 1914-1944.



ANNUAL REPORT OF THE

EXECUTIVE HEALTH OFFICER

FOR 1944.

Review of the year.—The year under review was marked by a number of events. Overcrowding continued unabated. With the increased possibilities of getting employment due to war efforts and the introduction of a number of schemes of public utility by Government, such as the scheme for giving milk to children at a subsidised rate, people were attracted in large numbers inspite of the inadequate accommodation. The problem of housing was made more difficult by the terrific explosion on the 14th April 1944. This event according to the official records of this department, took the lives of not less than 331 persons and dishoused thousands of them. In spite of this from the figures available, it was estimated that the population of the City, excluding the military, exceeded 23,00,000 as against the census population of 14,89,883. As a natural corrollary the births and deaths increased and on account of the possibility of importation of cases of highly infectious diseases, such as Plague, Cholera and Small-pox which prevailed in the neighbouring towns in varying degrees, the city always remained in the throes of epidemics. In fact in spite of all our efforts to comb areas in which small-pox cases were detected and thus to remove all possible sources of infection as well as to do mass vaccinations by intensifying vaccination campaigns, it was not possible to avert the five yearly cyclic epidemic visit of small-pox in the City in the beginning of the year. As vaccination was considered the chief effective measure of personal prevention to check the ravages of this disease, vaccination campaigns were intensified by appointing additional vaccinators and other staff. The disease which had to be declared as having assumed epidemic proportions on 16-1-1944 could thus be brought to an end by the 28th of April 1944. The city resumed its normal condition in May of the year. The number of vaccinations and re-vaccinations done during the year was 58,825 and 7,59,978 respectively, which is the highest number on record in any one year so far. The cases of Enteric fever were less than those in the year 1943, but inoculations done by way of personal prevention mounted up to 84,947, which was also the highest number done in a year so far.

Infant mortality increased from 197.4 in the year 1943 to 203.0 in the year under review. The high prices of protective commodities like milk, ghee, etc., which continued throughout the year, except when milk came to be supplied under the Government Scheme at a subsidised rate in the latter part of the year may have some bearing on the problem. If, however, the deaths of children born out of Bombay & registered elsewhere are omitted from the total infant deaths, the infantile death-rate comes to 150.0, *i.e.*, the same as last year, which shows that the infant death-rate among Bombay-born children did not show any variation in the year.

In the year under review, the Public Health Department had to undertake the work of Licensing dogs and at the request of Government to undertake the work of managing the Subsidised Milk Scheme. The operation of this scheme was confined to children upto 2 years in the year 1944 with the prospect of further extending it to children of higher age and expectant and nursing mothers in the beginning of the ensuing year.

This department had also to undertake the collection and disposal of the unclaimed dead bodies of persons who were victims of the explosions that took place on 14th April 1944.

Area and Population.—The area of the City and Island is 26.189 square miles (16761.5762 acres). Although the average density of population of the City worked out on this area was 89 per acre in 1941, as shown by sections in Table No. 2 (Appendix), on account of increased industrial and other activities, the population which according to the 1941 census was 14,89,883, having increased to 23,00,000 during the year the density of population stood at 127 per acre.

Although the population of the City according to the 1941 census was 14,89,883 as shown by sections in Table No. 1 (Appendix) and has been taken for statistical purposes of this report at the same figure, the actual population of the City during the year as ascertained from the rationing authorities was more than 23,00,000 as stated above, and the death rates worked out and shown in this report for the different diseases on the census population would in fact be much lower if calculated on the actual population during the year.

BIRTHS AND BIRTH-RATES

The number of live births registered during the year was 56,907. It was 12,892 more than in 1943 and 20,065 more than the average of the decennium (1934-43). The number of births registered each month during 1943 and the year under review is as shown below :—

Period.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
1943	2,[illegible]63	2,141	2,295	2,909	3,153	3,372	3,458	3,732	4,409	4,970	5,186	5,527
1944	5,226	4,769	4,876	4,218	4,192	4,144	4,353	4,359	4,714	5,224	5,341	5,491

Of the registered births 29,144 were males and 27,763 females, the proportion of males to females being 105 to 100. The birth rate calculated on the census population of 1941 was equivalent to 33.2 per thousand. The birth rate recorded year by year for the city cannot be called a true record of births occurring in the City. Negligence on the part of the parents and other responsible for their registration as well as the habit of the people to send the mothers out of Bombay immediately after birth and before its registration can be mentioned as some of the causes whereby births may escape registration in the City. In order to prevent the births escaping registration as far as possible, this department is supplying to the maternity homes and hospitals, books of birth report forms serially numbered and efforts are made to see that every birth taking place in the hospitals is brought on our record. The Birth Karkoons have been asked to make vigourous search for the births taking place at homes and to see that no birth in their respective areas escapes registration. Regular registers of the births brought by the Birth Karkoons have been maintained and the District Registrars asked to scrutinise them month by month.

Table No. 3 (Appendix) shows the number of births by communities and the birth rate per 1,000 of their population. Table No. 3A (Appendix) shows the number of births registered in each month during the years 1942, 1943 and 1944 and the average of the preceding five years (1939-1943).

The number of still-births reported was 3,374.

DEATH AND DEATH-RATES

The total number of deaths registered from all causes during the year was **41,882 against 34,165 in 1943.** It was 11,869 more than the average annual mortality of the quinquennium (1939-43) and 11,540 more than the average mortality of the preceding 10 years (1934-43). Out of the total deaths registered 381 were due to explosion in April 1944.

The death rate per 1,000 persons living according to the 1941 census was 28.1 (while it comes to about 18.3 according to the actual population mentioned above) as against 16.9 in 1942, 22.9 in 1943 and 24.1, the average for the preceding decennium. The death-rate (like the birth-rate) is invariably high amongst the poorer classes, and as an unduly large proportion of the population of the City belongs to the poorer sections of society, the general death rate is raised by that of the unusually large proportion of the very poor. The social and economic causes usually tend to contribute toward an increased death-rate amongst the poorer section of the people. High rate of infantile mortality is also chiefly responsible for the increase in the death-rate of the City. It is generally observed that nearly 50 per cent. of the mortality is due to deaths of children below 5 years of age. During the year under review 27.6 per cent. of deaths alone were among infants below 12 months. Out of this nearly 43.3 per cent. of infantile deaths were recorded under congenital debility, premature birth malformation, etc.

The annual total deaths from different causes in Bombay since 1914 are indicated in the diagram " A " facing page No. 1.

The annual death-rates during the last fifty years are indicated in the Diagram "B" facing page No. 2.

Mortality by Sex and Age.—Of the total number of 41,882 deaths in the year 23,131 were among males and 18,751 among females. The large number of deaths among males is due to the preponderance of males who constitute nearly sixty-three per cent. of the population, the actual death-rate being higher among females. Thus male death-rate was 24 and the female death-rate 34 in 1944 as against 20 and 27 respectively in 1943. The comparatively high death-rate among females is due to various causes one of them being the enhanced risk to life and health during the child bearing period. Women are burdened with the responsibilities of the child-bearing and as during this period they are not properly cared for due to poor circumstances, want of proper nourishment and rest, they lose their vitality in early age. They are also rendered easily susceptible to various diseases to which they fall easy victims.

The following table shows the proportional contribution to the total deaths of each age group in the two sexes :—

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1942, 1943 and 1944.

Age Period.	1942		1943		1944			
	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality. Male.	Female.	Persons.	Percentage.
Under 1 year ...	6,164	24.5	8,690	25.4	6,076	5,476	11,552	27.6
1 to 5 years ...	3,825	15.2	6,146	17.9	3,578	3,906	7,484	17.9
5 to 10 years ...	727	2.9	1,079	3.2	778	783	1,561	3.7
10 to 15 years ...	436	1.7	623	1.9	373	4 8	781	1.9
15 to 20 years ...	696	2.8	877	2.5	588	588	1,176	2.8
20 to 30 years ...	2,662	10.6	3,603	10.5	2,406	2,027	4,433	10.6
30 to 40 years ...	2,645	10.4	3,249	9.5	2,277	1,488	3,765	9.0
40 to 50 years ...	2,187	8.7	2,641	7.7	2,059	803	2,862	6.8
50 to 60 years ...	1,986	7.9	2,429	7.2	1,913	736	2,649	6.3
60 years and above ...	3,849	15.3	4,826	14.2	3,023	2,536	5,559	13.3
Age unspecified ...	...	...	2	0.0	60	...	60	0.1
Total ...	25,177	100.0	34,165	100.0	23,131	18,751	41,882	100.0

Principal Causes of Death.—Table of Deaths and Death-rates from Epidemic Diseases and certain other Principal Causes of death in 1943 and 1944 with averages for 10 years (1934-43) :—

Causes of Death.	Average of years (1934-43)		1943		1944	
	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.
Principal Epidemic Diseases—						
Small-pox ...	829	0.7	591	0.4	1,391	0.9
Measles ...	208	0.2	186	0.1	734	0.5
Plague ...	4	0.0	...	...	...	...
Enteric Fever ...	376	0.3	375	0.2	459	0.3
Malarial Fever ...	108	0.1	109	0.1	160	0.1
Ague and Remittent Fever ...	984	0.8	400	0.3	859	0.6
Influenza ...	61	0.0	29	0.0	37	0.0
Cholera ...	6	0.0	...	...	...	...
Dysentery ...	435	0.3	315	0.2	444	0.3
Diptheria ...	54	0.0	55	0.0	76	0.0
Other Principal Diseases—						
Tuberculosis ...	1,908	1.5	1,581	1.0	2,006	1.3
Cerebro-Spinal Fever ...	100	0.1	29	0.0	86	0.05
Diseases of the Nervous System ...	1,119	0.9	859	0.6	1,444	0.9
Diseases of the Respiratory System ...	10,537	8.4	7,740	5.2	13,990	9.4
Diarrhoea and Enteritis ...	1,023	0.8	819	0.5	1,291	0.9
Puerperal State ...	174	0.1	122	0.1	194	0.1
Congenital Debility and Diseases of early Infancy	3,466	2.7	2,105	1.4	5,004	3.3
Old Age ...	2,144	1.7	2,028	1.4	3,348	2.2
Leprosy ...	53	0.0	74	0.0	66	0.0
Violence ...	828	0.6	964	0.6	1,419	0.9
Other Causes ...	5,925	4.7	6,796	4.6	8,877	5.9
Total ...	30,342	24,1	25,177	16.9	41,882	28.1

It will be seen from the table and diagram 'C' that diseases of the respiratory system were responsible as usual for a higher death-rate (9.4 per 1,000) than any other group. A large proportion of deaths from respiratory diseases occur among infants and chidren under 5 years of age. Congenital debility and diseases of early infancy constitute the next most fatal group, giving a death-rate of 3.3 per 1,000 persons living. The groups coming next on the list for the year under report are deaths attributed to old age (2.2) and tuberculosis (1.3).

DIAGRAM B

ANNUAL DEATH RATE IN BOMBAY

1894—1944

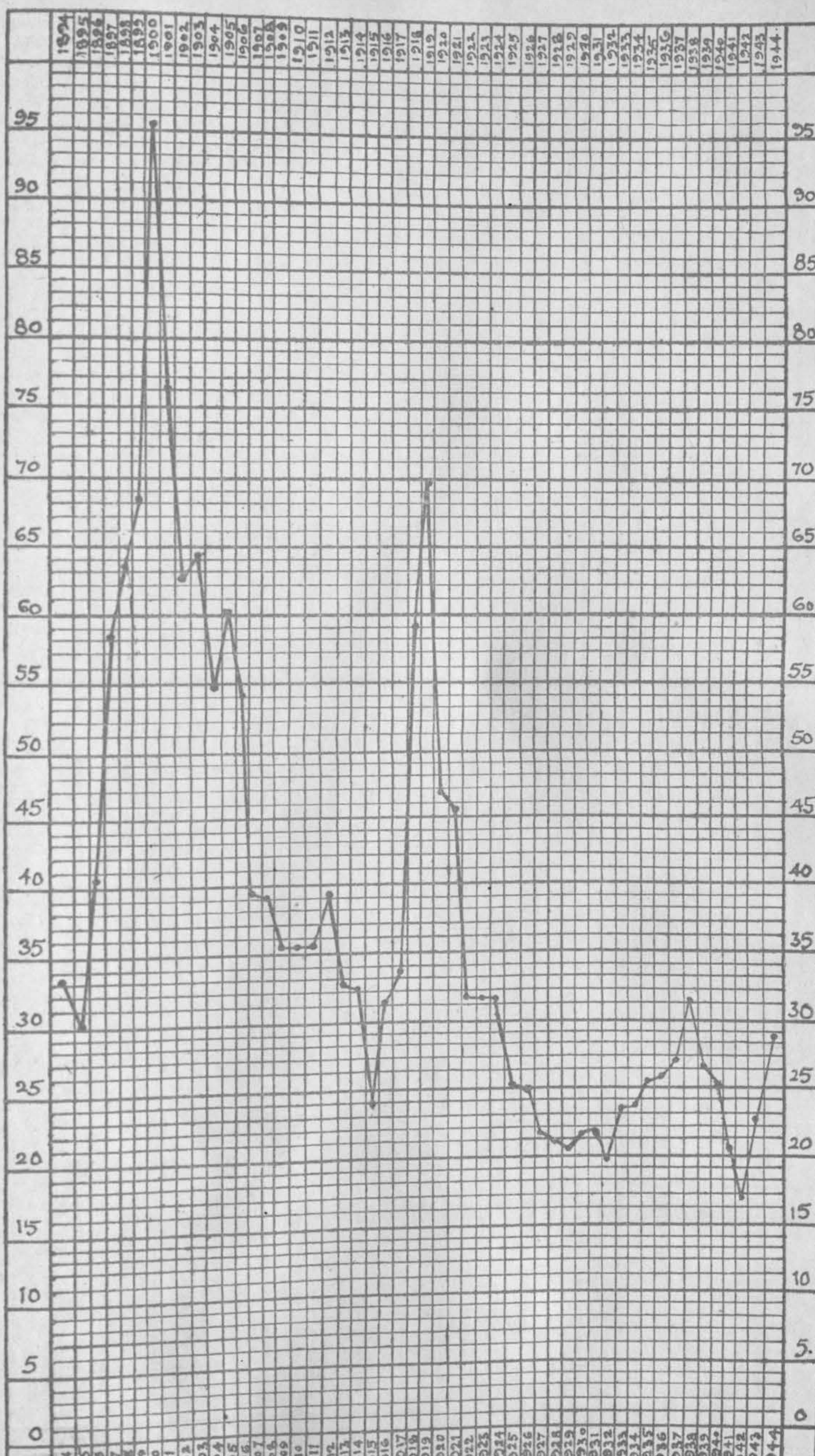
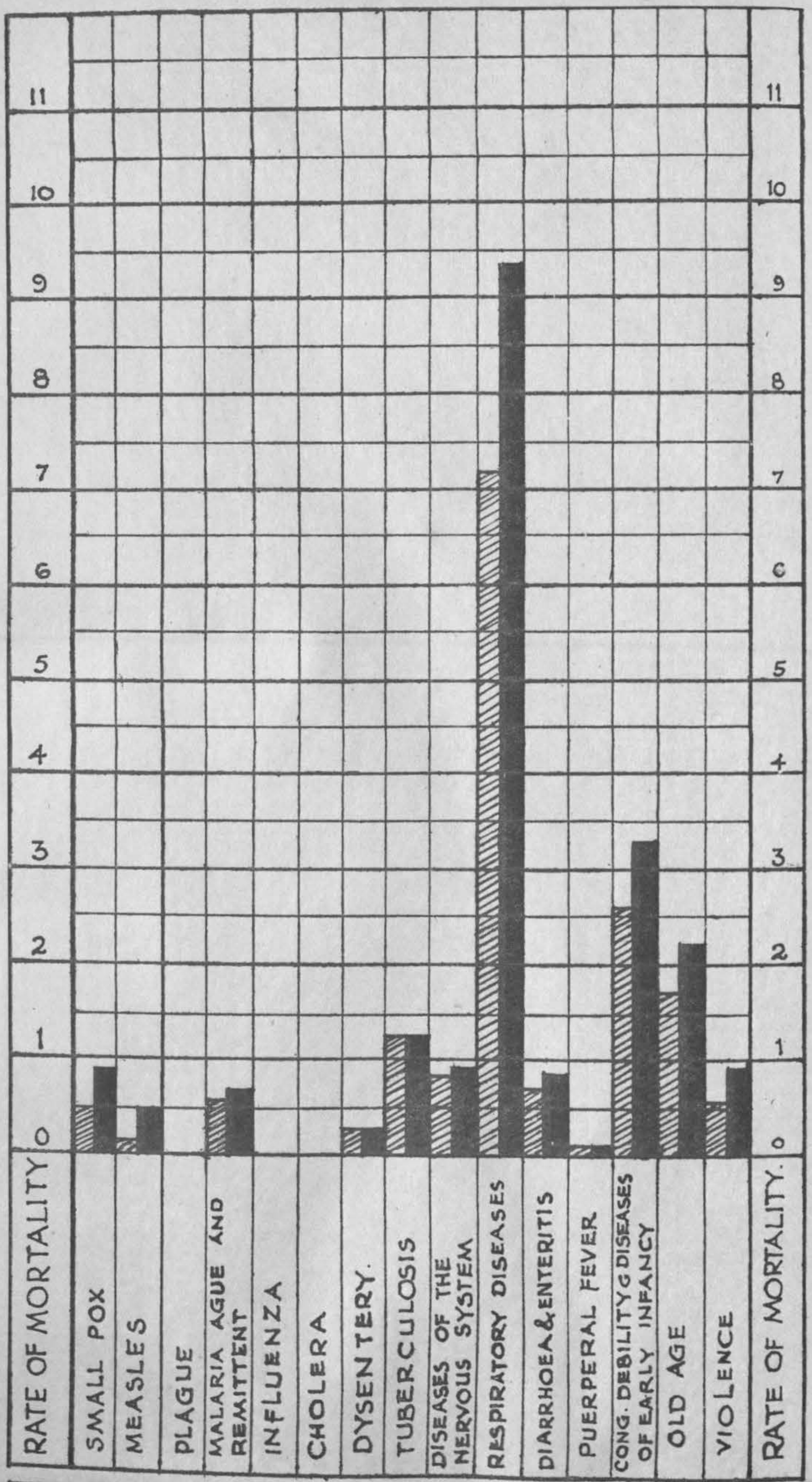


DIAGRAM C

DEATH RATE PER 1000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1944 AND THE QUINQUENNIAL AVERAGES IN 1939-1944



Compared with the average of the last ten years as well as the mortality of the year 1943, the deaths from Measles were much more this year. Out of the total deaths of 734 from the disease, 292 were among children under one year of age. The disease is common to all countries and is one of the most readily communicable of all infections. The disease is present every year but the large incidence in the year under review may perhaps be due to insufficient housing accommodation due to which the disease spread immediately among children of the labouring classes by contact infection. Owing perhaps to lowered vitality arising from difficulties in securing adequate nutrition particularly of children, there occurred more deaths than would be expected on the basis of the previous years' figures. Larger number of deaths from the disease were reported from areas like Dhobi Talao, Kamathipura, Parel, Naigaum, Worli, Chinchpokli which are mostly occupied by labouring classes. There was, however, no epidemic of the disease in the City.

Certification of Causes of Death.—The percentages of deaths certified to the total number of deaths in 1944 and the preceding five years are shown in the following table :—

Year.	Total Deaths.	Verified by District Registrars.	Number of Certificates of the Cause of Death received from: Medical Officers of Hospitals.	Private Medical Practitioners.	Hakims and Vaidyas.	Commissioner of Police.	Coroner of Bombay.	Total	Percentage of Total Certificates received to the Total Mortality.
1939 ...	30,520	18,331	7,105	3,887	6	166	1,025	12,189	39.94
1940 ...	29,100	16,984	7,036	3,772	12	117	1,179	12,116	41.6
1941 ...	31,096	18,329	7,260	4,104	76	152	1,175	12,767	41.5
1942 ...	25,177	14,213	6,283	3,152	41	207	1,281	10,964	43.5
1943 ...	34,165	20,517	6,964	4,643	38	341	1,662	13,648	39.9
1944 ...	41,882	26,160	7,588	6,013	64	329	1,728	15,722	37.5

Table No. 12 appended to the Report gives detailed information regarding the incidence of deaths from principal causes by months.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1944 is discussed on pages 7 to 9

The mortality rates for several diseases among different communities in the City are shown in Table No. 14 appended to the Report.

Mortality by Months.—The following table shows the total number of deaths registered in each month of the year. The number of monthly total deaths in 1943 is added to the table for comparison.

TABLE SHOWING THE MONTHLY TOTAL DEATHS IN 1943 AND THE MONTHLY NUMBER IN 1944.

Year.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1943	2,414	2,191	2,444	2,638	2,777	2,860	3,229	3,190	2,909	3,094	3,045	3,374	34,165
1944	3,522	3,826	4,187	4,059	3,540	3,109	3,215	3,416	3,469	3,469	3,013	3,057	4,1882

Mortality by Sections.—Table No. 6 (Appendix) shows total deaths and death-rates by sections in 1944 and the quinquennial averages (1939-43) and Table No. 9 (Appendix) total deaths by sections and by months during 1944.

Copies of Death and Birth Certificates issued.—During the year, 4,647 copies of registry of death and 2,045 copies of the certificates of birth were issued. The total fees received for copies of certificates and for searches of birth and death registers for various periods and for producing registers in Courts of Law amounted to Rs. 13,039-0-0 against Rs. 10,124-0-0 in 1943.

INFANT MORTALITY

The deaths among infants under one year of age numbered 11,552 being 1,862 more than in the preceding year and 3,225 more than the annual average of the decennium (1934-43).

The infant mortality rate expressed as the number of deaths among infants per 1,000 live births registered was 203.0 for the year 1944 as compared to 197.4 for the preivious year. There is again an increase in this rate the causes of which have been discussed in the review. Government introduced the Subsidised Milk Scheme in August 1944 making milk available to the public at six annas a seer and the benefit of this sheme was subsequently extended to the expectant and nursing mothers. One of the principal items of protective foods was thus made available to the public at a reasonable price. To have an effective check over infant deaths, arrangements for ante and post-natal as well as infant care must be improved and extended and this problem should be considered as one of vital importance in framing the post-war reconstruction schemes.

Of the 11,552 infants who died within one year of their birth, 8,550 or 74 per cent. were born in Bombay City and 3,002 or 26.0 per cent. in the mofussil (*vide* Table below showing the place of birth of these infants.) The births of these 3,002 infants were thus not registered in the City register. If, therefore, the figure 3,002 is excluded from the total number of infants who died in the City during the year, the rate of infant deaths per 1,000 births registered would be 150.0 instead of the official figure 203.0 as shown above. How much of this reduction in the rate can be set off against the deaths of infants occurring outside the City though born and registered in Bombay, cannot be estimated. But in the absence of any specific cause for emmigration the number will be small and therefore the infant death-rate after correction for residence would be approximately 150 per 1,000 live births—much lower than the recorded rate of 203.

STATEMENT SHOWING THE NUMBER OF CHILDREN BORN IN AND OUT OF BOMBAY WHO DIED BEFORE COMPLETING TWELVE MONTHS OF AGE IN 1944.

	Bombay born. Births registered. Before death.	After death.	Born out of Bombay.	Deaths under 1 year of age.
Total ...	6,758	1,792	3,002	11,552
Percentage ...	58.5	15.5	26.0	100.0

The percentage of deaths amongst children born in the mofussil and not registered in the City to the total infant deaths in 1944 is 26.0 against 24.4 in 1943 and 24.9 in 1942.

Diagram D facing this page shows the incidence of Infant Mortality rate during the last 64 years.

Cause of Death.—It will be seen from the sub-joined Table that 8,995 or nearly 77.9 per cent. of the total deaths among infants were due to diseases of the Respiratory System, Infantile Debility and Premature Birth, against 6,983 deaths, or 80.3 per cent. in 1943. Diarrhoea and Enteritis caused 567 deaths, Malaria, Ague and Remittent Fever 80 deaths and Convulsions 564 deaths. The deaths from Small-pox and Measles numbered 165 and 292 respectively.

INFANT MORTALITY FROM PRINCIPAL CAUSES FROM (1939-44).

Cause of death.	1939.	1940.	1941.	1942.	**1943.**	Average 1939 to 1943.	1944.	More or less.
Small-pox ...	40	196	283	107	**67**	138	165	+ 27
Measles ...	22	63	81	47	**61**	55	292	+237
Malarial Fever ...	10	5	9	9	**6**	8	11	+ 3
Ague and Remittent Fever and Fever not defined ...	87	83	80	44	**64**	71	69	− 2
Diarrhoea and Enteritis ...	510	471	501	373	**508**	472	567	+ 95
Dysentery ...	85	66	50	45	**53**	60	97	+ 37
Infantile Debility and Malformation including Premature Birth ...	3,627	3,501	3,588	2,871	**4,126**	3,543	5,001	+1,458
Diseases of the Respiratory System ...	3,747	2,550	2,918	1,989	**2,857**	2,812	3,994	+1,182
Convulsions ...	430	480	385	227	**319**	368	564	+ 196
All Causes ...	8,008	7,823	8,445	6,164	**8,690**	7,826	11,552	+3,726

Quinquennial Averages.—Compared with the average of the preceding 5 years, the total number of deaths among infants was more by 3,726 the principal increase in the mortalitiy being 1,458 under infantile debility, malformation and immaturity, 1,182 under Diseases of the Respiratory system, 237 under Measles, 196 under Convulsions, 95 under Diarrhoea, 37 under Dyrsentery, 27 under Small-pox, while there was decrease of 2 under Ague and Remittent Fever.

Age at Death.—The following table classifies the infantile deaths from principal causes in 1944 under different groups, upto one year, namely, under 7 days, 1-4 weeks, 4 weeks to 6 months and 6-12 months.

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES BY AGE-PERIODS IN 1944.

Age-period.	Small-pox.	Measles.	Malarial fever.	Ague and Remittent fever and fever not defined.	Diarrhoea and Enteritis.	Dysentery.	Infantile Debility and Malformation including premature birth.	Diseases of the Respiratory system.	Convulsions.	All causes.	Percentage of death in age-period to the total deaths under 1 year of age.
Under 7 days ...	...	...	...	4	20	1	2,247	37	123	2,512	21.7
1 to 4 weeks ...	4	3	...	12	85	3	1,496	108	74	1,874	16.2
Total under 4 weeks	4	3	...	16	105	4	3,743	145	197	4,386	37.9
4 weeks to 6 months	80	145	4	27	215	28	1,005	1,606	240	3,563	30.8
6 to 12 months ...	81	144	7	26	247	65	253	2,243	127	3,603	31.3
Total ...	165	292	11	69	567	97	5,001	3,994	564	11,552	100.0

Of the total deaths among infants, 2,512 or 21.7 per cent. took place in the first week of life and 1,874 or 16.2 pre cent. in the age period of 1 to 4 weeks. The mortality among infants who had not completed the first month of life was thus 4,386 or 37.9 per cent. of the total infant deaths. The number of deaths in the groups 4 weeks to 6 months and 6 to 12 months was 3,563 and 3,603 being respectively 30.8 and 31.3 per cent.

Neonatal Death-rate.

Year.		Births.	Deaths.	Rate.
1938	... ...	36,748	3,450	93.9
1939	... ...	37,822	3,332	88.1
1940	... ...	38,833	3,049	78.5
1941	... ...	39,954	3,325	83.2
1942	... ...	31,536	2,511	79.6
1943	... ...	44,015	3,568	81.1
1944	... ...	56,907	4,306	75.7

TABLE OF PERCENTAGE OF INFANT DEATHS FROM PRINCIPAL CAUSES AT SEVERAL AGE-PERIODS IN 1944.

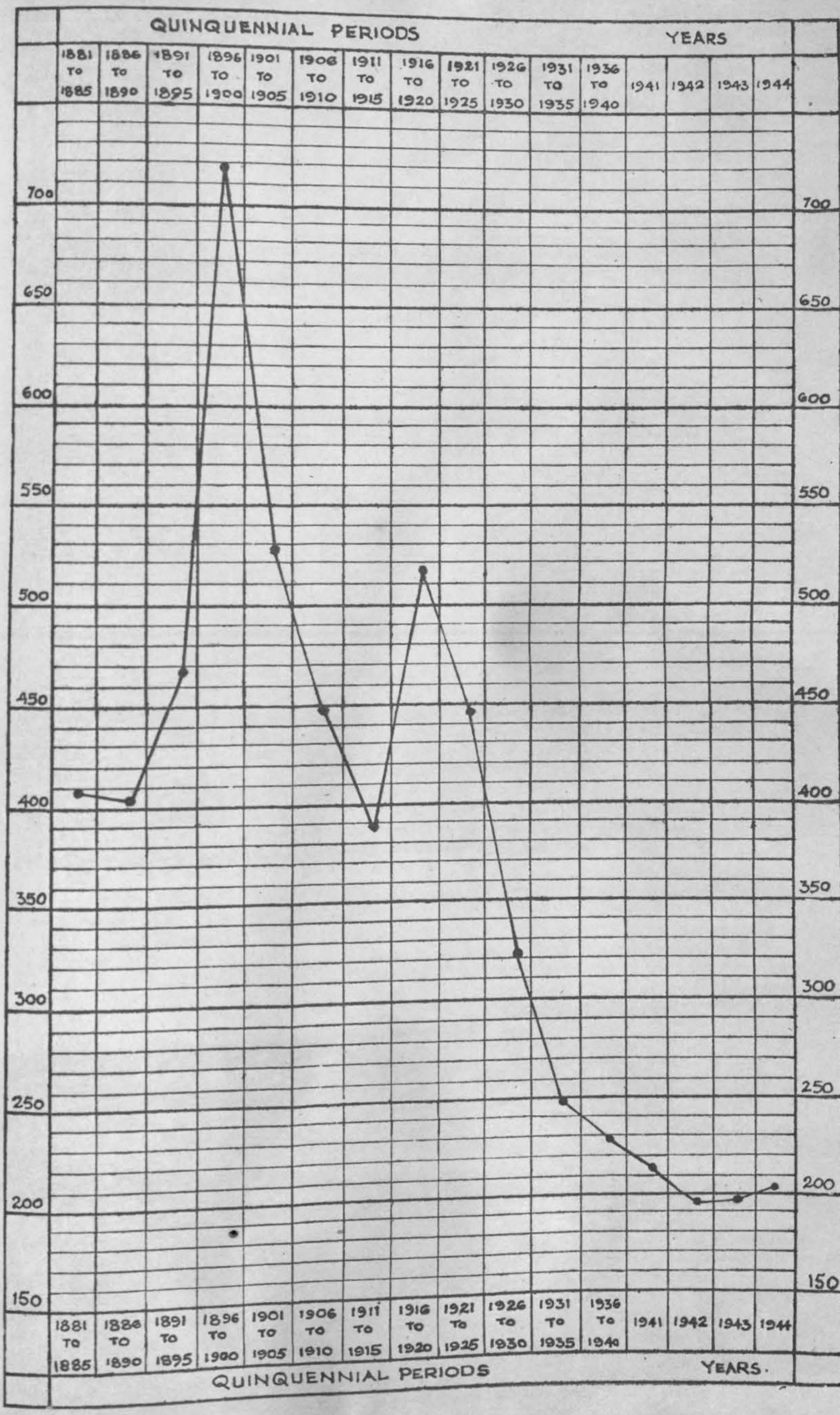
Age-period.	Small-pox.	Measles.	Malarial fever.	Ague and Remittent fever and fever not defined.	Diarrhoea and Enteritis.	Dysentery.	Infantile Debility and Malformation including premature births.	Diseases of the Respiratory system.	Convulsions.	Other causes.	All causes.
Under 7 days ...	...	...	...	0.1	0.8	...	89.5	1.5	4.9	3.2	100.0
1 to 4 weeks ...	0.2	0.2	...	0.6	4.5	0.2	79.8	5.8	3.9	4.8	100.0
4 weeks to 6 months	2.2	4.2	0.1	0.7	6.0	0.8	28.2	45.1	6.7	6.0	100.0
6 to 12 months ...	2.2	4.0	0.2	0.7	6.8	1.8	7.0	62.3	3.6	11.4	100.0
Total percentage for all ages up to 1 year	1.4	2.5	0.1	0.6	4.9	0.8	43.3	34.6	4.9	6.9	100.0

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of deaths in the first 4 weeks of life and the large proportion of deaths from respiratory diseases during the remaining 11 months of infancy.

DIAGRAM D

DEATHS IN INFANTS PER 1000 BIRTHS IN BOMBAY

1881—1944



Infant Mortality by Months.—The sub-joined table shows the number of deaths among infants in each month of the year. For comparison the monthly total number of deaths at ages 1 year and upwards is also inserted.

Age-period.	Number of Deaths												
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Under 1 year ...	876	972	1,095	1,013	949	904	1,020	1,049	1,041	975	862	796	11,552
1 year and upwards	2,646	2,854	3,092	3,046	2,591	2,205	2,195	2,367	2,428	2,494	2,151	2,261	3,0330

Table No. 13 appended to the report shows the number of deaths among infants under one year of age by causes in detail and by months.

Infantile Mortality by Races.—The following table shows the death-rates among infants of different communities.

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1944.

Race or Caste.	Deaths under 1 year.	No. of Births registered.	Infant Mortality per 1,000 of births registered.
Hindus, Scheduled classes ...	2,048	8,101	252.8
Hindus, other castes ...	6,890	34,236	204.2
Mussalmans (including Negro Africans) ...	1,685	8,467	199.0
Parsees ...	79	1,165	67.8
Jews ...	52	425	122.4
Indian Christians ...	727	3,851	188.8
Anglo-Indians ...	21	195	107.7
Europeans ...	14	299	46.8
Buddhists ...	20	90	222.2
Other and Unknown Castes ...	16	78	205.1
Total ...	11,552	56,907	203.0

PREVENTION OF INFANTILE MORTALITY.

The usual maternity and child-welfare work done at the clinics at the five Maternity Homes since 1939 was continued during the year. This work comprises ante-natal, natal, post-natal, infant and pre-school care at home and at clinics. The clinics are held for 2 days in a week for each group. They are conducted by the Medical Officers in charge of the Maternity Homes who are assisted by the Health Visitors attached to them. The Health Visitors are required to visit expectant mothers or mothers and children attending the clinics at their homes to see if they follow the advice given to them, to go in search of expectant mothers and to advise and persuade them to attend the clinics and to avail themselves of the Municipal Maternity Homes or other hospitals in the City for confinement and to conduct maternity cases at homes of those who do not avail themselves of these facilities. Throughout this work the main objectives are kept in mind, namely medical supervision and health education. Attempts are made to lay greater emphasis on the education of the mothers with regard to their own care during pregnancy and that of the children after they are born.

The Health Visitors in their visits to the Districts are also required to trace prospective mothers particularly among the poorer and ignorant classes and to advise and persuade them to attend the ante-natal clinics and subsequently to avail themselves of the facilities existing in the City in the form of free Maternity Homes and Hospitals.

This activity of maternity and child welfare needs further expansion both with regard to facilities for ante-natal and post-natal work and infant and pre-school welfare. More maternity homes and at least 50 more Health Visitors who could take up generalised health nursing work should be provided if the City is to be adequately served. The clinics now held in the existing maternity homes should be further extended to other field areas where the mothers could attend in larger numbers and at regular intervals more conveniently than is at present possible owing to long distances and expenses involved. Attempts are being made to expand the work on these lines but the schemes for expansion of work submitted to Corporation have been deferred to better times. The maternity and child welfare centre sanctioned for Dharavi by providing a resident Health Visitor and an Ayah to help in her work could not be started during the year, as the accommodation required was not ready. The Health Visotor appointed for this purpose, however, continued her work during the year, under the supervision of the Medical Officer, Cadell Road Maternity Home.

During the year 1944 the Health Visitor at Dharavi paid 433 visits to pre-natal cases, 931 to post-natal, 1,686 to infants, 1 892 to pre-school children and 298 other visits making 5,240 in all. Out of 113 women confined from the area, 45 were confined in hospitals, 1 by the Health Visitor, 1 by a Doctor and remaining 67 confined at home. The fact that the Health Visitor could not reside in the locality in the absence of quarters was responsible for the number of confinements attended by her being very small. It is hoped that after she is provided with quarters she would be able to attend a large number of these home confinements and the number attended by Dais would be negligible.

The Health Visitors paid 60, 997 visits in various districts and also attended 227 cases of confinements during the year. In 5,611 cases, personal visits were paid by the Medical Officers in charge of the maternity homes.

The following table shows the work done at the Clinics and by the Health Visitors during the year 1944:—

Particulars.	No. of cases.
(1) Number of cases confined by the Health Visitor in the district ...	227
(2) Visits by Health Visitors—	
Ante-natal	16,061
Natal	2,842
Post-natal	16,201
Infant	19,803
(3) Number of cases visited by the Medical Officers	5,611
(4) Number of cases registered in the clinics—	
Ante-natal	12,959
Post-natal	3,334
Infant	4,486
Others	2,442
(5) Total number of cases confined in the Homes	8,744
(6) Number of cases not registered at the Ante-natal Clinics but confined in the Homes	1,233

Relief to the poor and needy women during confinement in the shape of necessaries and comforts such as milk, bread, blankets, charpoys and linen was continued during the year and dispensed in 2 cases.

Municipal Maternity Homes.—There are five Maternity Homes maintained by the Municipality.

The number of mothers admitted to the Homes and the number of beds in each Home were as follows:—

Maternity Homes.	Number of Cases Admitted.		Number of Beds.
	1943	1944	
Mahomed Haji Saboo Sidik's Maternity Home at Bellasis Road ...	2,751	2,514	37
Kamar Khanum Maternity Home at Victoria Cross Road ...	2,123	1,809	50
Mahomed Haji Saboo Sidik Maternity Home at Imamwada ...	1,533	1,413	19
Mahomed Haji Saboo Sidik Maternity Home at Worli ...	2,055	1,609	24
Sorabji Shapurji Engineer Maternity Home at Khetwady ...	1,333	1,312	12
Total ...	9,795	8,657	142

The total number of women admitted during the year was 9,795 as against 8,657 in 1943. The number of cases confined in the Homes was 8,744 as against 7,549 in 1943. Of the women confined 2,149 were primaparae

Out of 60,281 births (including 3,374 still births) registered in the City in 1944 (43,929) or 72.9 per cent. took place in Maternity Homes, and hospitals as against 81.1 in 1943.

MEASURES FOR THE REDUCTION OF INFANT MORTALITY.

In the annual reports, since the year 1920, it has been repeatedly stated that the percentage of deaths among infants under one year of age to the total mortality has been higher than in the case of any other age-group. The Schemes suggesting ways and means, to reduce the infant mortality submitted to the Corporation have, as stated above, been deferred for better times

Maternal Mortality.—The following table gives the classification of causes of death in puerperal state in 1944 as required under Corporation Resolution No. 10544 dated the 30th March 1931:—

No.	Specific causes of Death.	No. of Deaths.
	Diseases of Puerperal State.	
1	Ante-partum Haemorrhage	14
2	Post-partum Haemorrhage	22
3	Toxaemias (*Eclampsia, Hyperemesis Gravidarum, Acute Yellow Atrophy, Albuminuria*)	38
4	Puerperal Sepsis (*Sapraemia, Septicaemia, Phlegmasia Alba Dolens, Coli Infection, etc.*) ...	39
5	Embolism ...	2
6	Shock during or immediately after delivery	32
7	Anaemia of Pregnancy	22
8	Malaria ... ... } Complications of Pregnancy.	...
9	Influenza, Pneumonia ... ... } Complications of Pregnancy.	...
10	T.B. ... ... } Complications of Pregnancy.	...
11	Heart Disease ... ... } Complications of Pregnancy.	...
12	Operative Interference ... ... } Complications of Pregnancy.	...
13	Ruptured Uterus	5
14	Breast Diseases	...
15	Puerperal Insanity	3
16	Other Causes	17
	Total ...	194

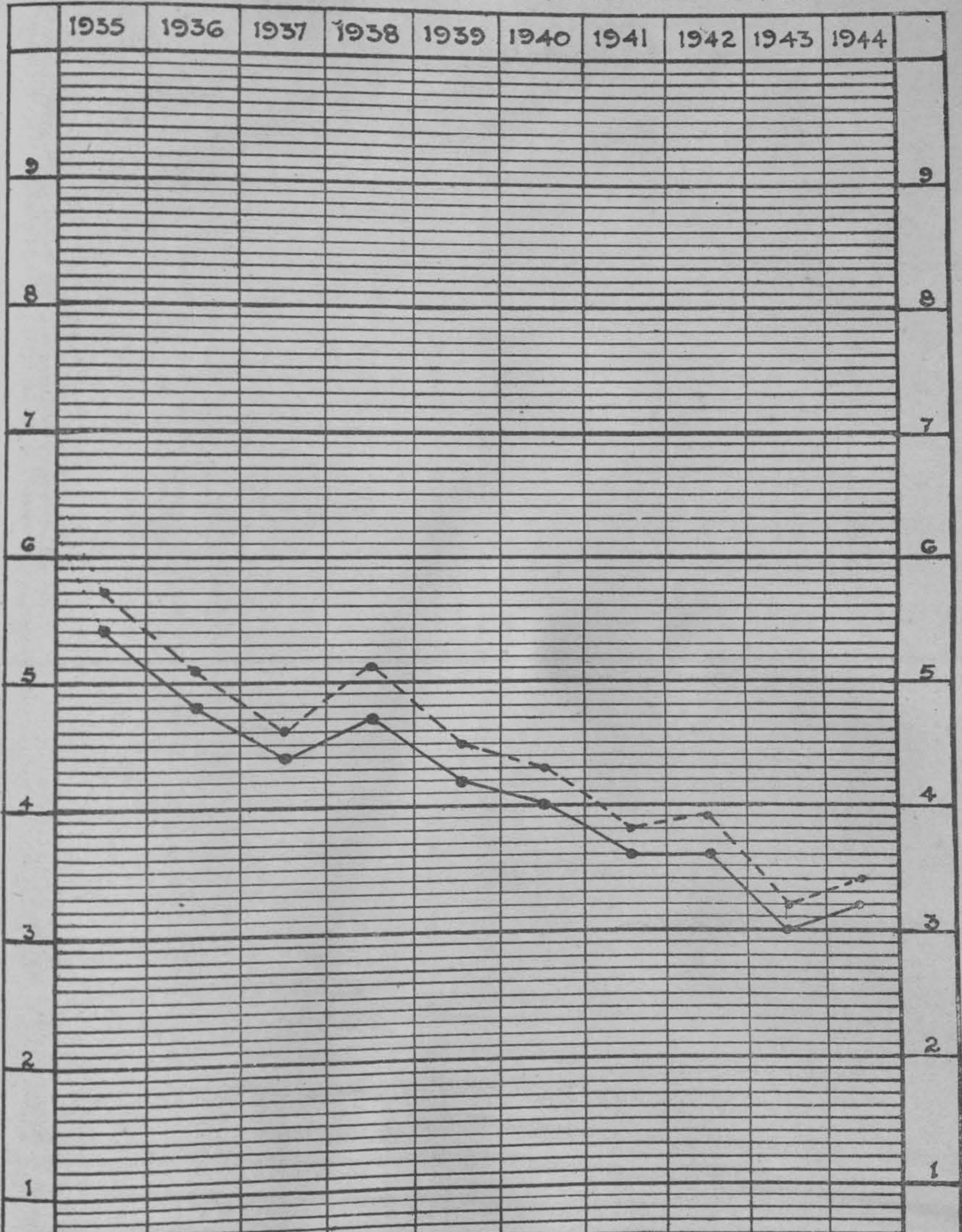
The attached chart "E" in the case will be of interest.

DIAGRAM E

RATE OF MATERNAL DEATHS PER 1000 OF BIRTHS

1935—1944

RATE ON LIVE BIRTHS 0_0_0_0
RATE ON BIRTHS (INCLUDING STILL BIRTHS) 0—0—0

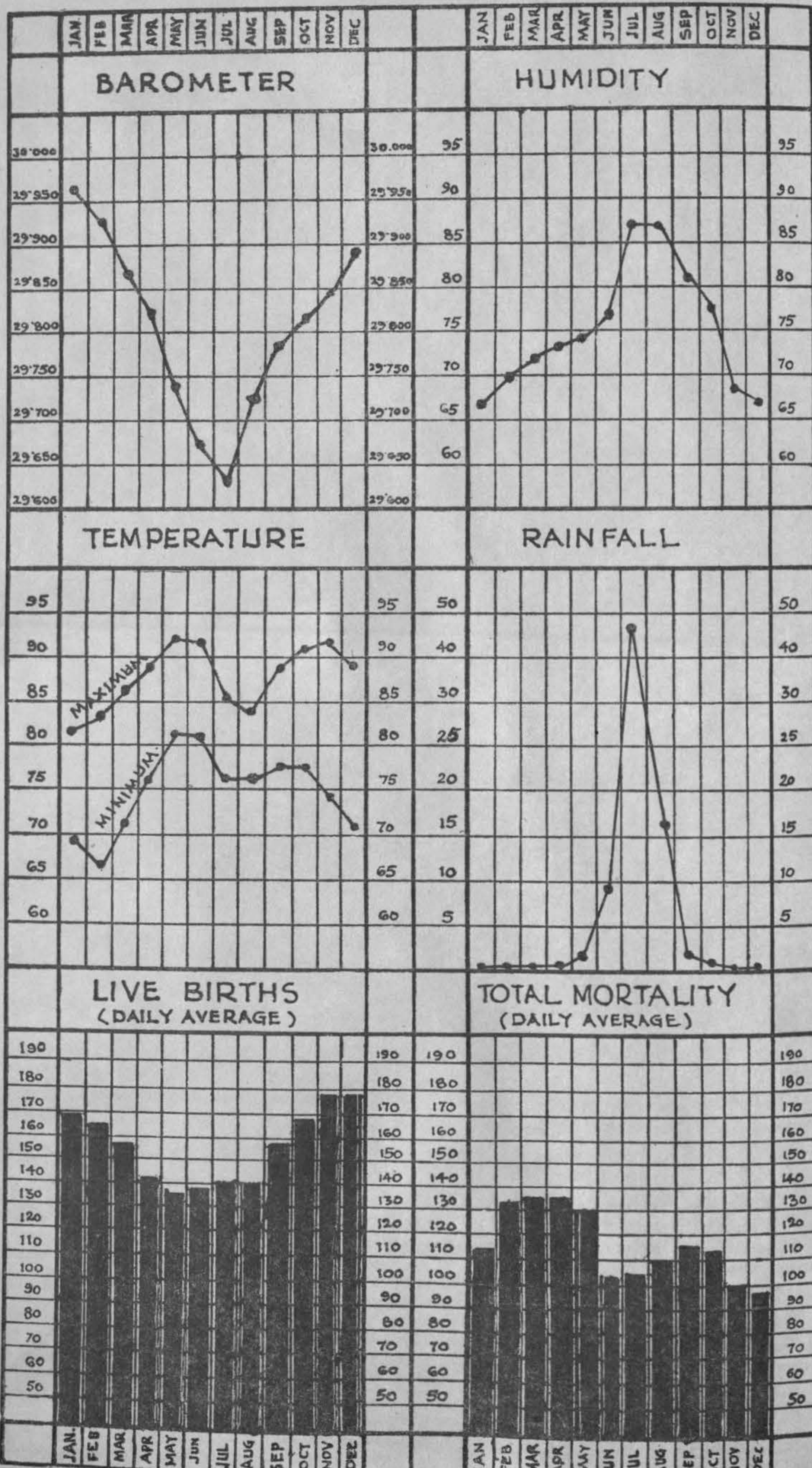


	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
MATERNAL DEATHS	197	184	165	186	169	166	152	122	143	194
BIRTHS	36757	38334	37795	39313	40548	41485	42608	33545	47144	56907
RATE	5·4	4·8	4·4	4·7	4·2	4·0	3·6	3·6	3·0	3·2
RATE	5·7	5·1	4·6	5·1	4·5	4·3	3·8	3·9	3·2	3·4

DIAGRAM F

DAILY MEAN BIRTHS, DEATHS AND CLIMATIC CONDITIONS IN BOMBAY

IN 1944



Maternal Mortality Rate.—The maternal mortality rate which varied between 4.0 and 7.0 till the year 1940 came down to 3.6 in the year 1941 and it is gratifying to note that in spite of the disturbing factors, such as insufficient housing accomodation, we were able to maitain the same death rate year by year and this rate for the year 1944 was 3.4

METEOROLOGY OF 1944.

Table No. 17 appended to the report gives the meteorological data of 1944.

Rainfall.—The total rainfall recorded at the Colaba Observatory during the year 1944 was 74.1 against 81.36 in 1943 and 81.73 in 1942 and was more than normal by (3.6). Rain fell on 80 days during the year against 116 days in 1943 and 96 in 1942. The number of days on which rain fell as well the less amount of the rain fall recorded foretold that there would be shortage of water in the latter part of the year.

The maximum monthly rainfall was 45.56 in July against 30.19 inches in June 1943.

EPIDEMIC AND OTHER DISEASES.

Notification of Infectious Diseases.—Under the existing provisions of the Municipal Act, Medical Practitioners are required to report to the Health Authorities cases of Infectious diseases noticed or treated by them. The total number of infectious diseases reported during the year was 7,603 as against 5,706, in 1943. Of these 7,377 or 97.1 were reported by the District Registrars and 226 or 2.4 by the Medical Practitioners. No cases were notified by Hakims and Vaidyas.

The diseases, to which the notifications related, are set out by Section in Table No. 4 (Appendix).

Year.	Number of notifications received from			Total No. of cases registered.	Percentage of total notifications to the total No. of cases registered.
	Medical Practitioners.	Hakims and Vaidyas.	Total.		
1943	320	...	320	5,706	5.6
1944	226	...	226	7,603	2.2

Plague.—Plague was absent during the year.

Anti Plague Measures.—The usual preventive and precautionary measures, namely (i) Inoculation, and (ii) Rat Destruction, were continued during the year.

(*i*) INOCULATION.—During the year 128 inoculations against plague were performed at the Haffkine Institute. These were among people who had to visit plague stricken districts outside the City limits.

(*ii*) RAT DESTRUCTION.—The total number of rats collected and destroyed during the year was 7,65,582 against 6,84,194 in 1943. It will be seen from the following statement that of the 7,65,582 rats collected and sent to the Haffkine Institute, 2,72,702 were examined and no rat was found infected. The last date on which an infected rat was detected in the City was 11th October 1934.

STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE HAFFKINE INSTITUTE, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1944.

Months.	Number of Rats sent to the Haffkine Institute.	Number of Rats Examined. Total.	Number of Rats found Infected.	Ratio Per Cent.
January	66,640	24,475	Nil.	Nil.
February	57,545	23,478		
March	62,097	24,192		
April	60,330	23,306		
May	58,908	24,907		
June	54,672	17,808		
July	67,746	18,518		
August	61,558	15,061		
September	59,239	18,387		
October	70,306	24,632		
November	73,646	30,916		
December	72,931	27,027		
Total ...	7,65,582	2,72,707	...	...

SUSCEPTIBILITY OF HOUSE RATS.

During the year 1944 observations on the susceptibility of City rats to plague infection were continued. "200 Rattus Rattus were given the standard plague infective dose and 16.5 per cent. died of the infection. This slight increase in susceptibility as compared to last year of 15.5 is of no special significance."

Small-pox.—Small-pox caused 3,741 attacks (including 353 imported) and 1,391 deaths. The disease which in spite of mass vaccinations done in the last months of the year 1943, showed tendency to increase assumed epidemic proportions by the middle of January 1944 and continued in the same state from 16-1-1944 to 29-4-1944. Every attempt was made with the help of the Sanitary staff to comb out areas from which small-pox cases were reported in order to detect concealed cases of small-pox and for their removal to the Isolation hospital for treatment. The Health Visitor attached to the Bombay Sanitary Association assisted this department in this respect. Intensive vaccination campaigns were carried out in all parts of the City with the help of the permanent staff of 13 Vaccinators, including one Lady Vaccinator and 17 temporary Vaccinators, as a result of which the epidemic was brought to an end by the end of April 1944, in spite of the disturbing factors such as overcrowding, great influx of poeple into the City, etc., which prevailed throughout the year. Out of the record number of vaccinations and re-vaccinations done during the year, *viz.*, 58,325 Primary vaccinations and 7,59,978 re-vaccinations, 27,166 primary and 6,33,000 re-vaccinations were done in the first three months of the year.

The fact that in spite of the unfavourable conditions mentioned above which we had to encounter, the fatality rate was lower than that recorded during any normal or epidemic year since 1933, shows that our efforts to combat the disease were quite successful. The specific death-rate which is worked out on the census population of 1941 would be much lower if calculated on the actual population of the City during the year, which stood at no less than 23,00,000.

TABLE .

STATEMENT SHOWING SMALL-POX ATTACKS AND DEATHS BY MONTHS FROM 1933 TO 1944.

Year ...	1933		1934		1935		1936		1937		1938	
Month	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
January	692	394	43	16	127	71	110	64	29	16	678	356
February	1,484	889	48	22	221	118	238	139	50	30	965	549
March	1,376	775	51	28	412	263	308	190	80	62	903	509
April	542	328	42	29	465	278	336	228	152	79	403	248
May	229	168	29	13	300	203	194	131	133	90	167	116
June	73	59	10	8	195	140	101	71	115	81	53	38
July	24	17	6	3	112	70	58	35	90	59	36	30
August	14	8	5	4	55	40	28	21	46	32	13	12
September	...	...	13	7	25	15	17	14	54	24	8	2
October	4	4	9	5	12	6	11	6	34	20	5	1
November	6	6	5	3	19	11	3	3	89	39	...	...
December	19	11	22	14	34	24	7	4	325	156	2	1
TOTAL	4,463	2,659	283	152	1,977	1,148	1,411	906	1,197	688	3,233	1,862
Death Rate	2.3		0.1		1.1		0.8		0.6		1.6	
Fatality Rate	59.6		53.7		63.1		64.2		57.5		57.6	
Epidemic period	From 17-12-32 To 3-6-33, 6 months & 18 days		Sporadic		From 2-2-35 to 6-7-35, 5 months & 4 days.		From 22-2-36 to 6-6-36, 3 months & 16 days.		—		From 19-12-37 to 14-5-38, 4 months & 26 days	

Year ...	1939		1940		1941		1942		1943		1944	
Month	A.	D.	A.	D.	A.	D.	A.	D	A.	D.	A.	D.
January	15	9	115	43	345	171	166	70	26	10	625	202
February	20	15	184	78	646	317	257	141	71	26	1,032	411
March	60	25	235	106	581	323	603	220	200	73	1,194	421
April	50	19	390	182	308	189	338	116	169	56	577	188
May	48	25	276	143	199	140	57	33	152	78	187	103
June	44	26	172	103	108	64	14	4	106	48	62	33
July	40	29	95	61	30	25	6	2	90	31	36	21
August	29	19	29	17	30	21	3	2	71	32	13	3
September	7	1	22	10	14	8	...	...	88	42	3	...
October	6	5	32	18	15	7	3	...	70	35	3	...
November	12	8	65	19	4	10	2	...	76	25	3	2
December	37	20	115	54	35	18	5	3	197	63	6	4
TOTAL	368	201	1,730	834	2,325	1,293	1,454	591	1,318	519	3,741	1,391
Death Rate	0.2		0.7		0.8		0.4		0.3		0.9	
Fatality Rate	54.6		48.2		55.6		40.6		39.4		37.1	
Epidemic period	Sporadic		From 31-3-40 to 15-6-40, 2 months & 16 days		From 19-1-41 to 17-5-41, 3 months & 19 days.		From 8-3-42 to 18-4-42, 1 month & 11 days.		Sporadic (No Epidemic)		From 16-1-44 to 29-4-44, 3 months and 15 days.	

In this connection a good amount of publicity wor kwas done through cinema houses, posters, lantern talks during the epidemic. The Public also co-operated with us by taking vaccination readily. The Chairman of the Millowners' Association and the Managers of the Mills gave substantial co-operation in securing mill hands of 83 mills vaccinated in the shortest possible time. Some of the Vaccinators worked hard and carried out vaccination deep into the night during the mill recess hours. The Superintendent of Vaccination organised the work very efficiently.

The number of primary vaccinations done during the year was 58,325 against 46,000 in 1943 and that of re-vaccinations 7,59,978 as against 1,90,330 in 1943. 165 deaths from Small-pox occurred among children under one year of age during the year. Of these, 148 were not vaccinated while 8 were presumably vaccinated during incubation period and the vaccinal condition of 9 was not known.

It is always desirable that the number of primary vaccinations done every year should be at least equal to the number of births registered in that or the previous year if not more. While this number has always been less in the past, the number done in 1943 and 1944 was more than that done in any previous year. The number of re-vaccinations too done during the year was, higher than that in any other previous year including epidemic year in the past.

Cholera.—Only one case occurred and that was an imported one from Nasik.

Influenza.—Influenza was recorded as the cause of 37 deaths during the year, as against 53 in 1943 and 61 the average for the preceding decennium (1934-43).

Enteric Fever.—Enough has been said in the report for the year 1942 with regard to the belief that the incidence of typhoid was on the increase since 1938 and it can safely be said that such a belief cannot be correct, in view of the fact that there has been a marked decrease in the number of deaths which were till then atributed to be due to ague and remittent fever and the corresponding increase in the number of deaths from typhoid. This was mainly due to increased knowledge about cases of typhoid occurring in the City since 1938 and better notification by Medical Practitioners on account of the facilities given to them by Government in taking and examining blood samples through a doctor from the Haffkine Institute. Efforts made to prevail upon Government to revive these facilties which were withdrawn since the last three years have not been successful so far.

Measures for the prevention of typhoid with regard to the conversion of privies into water closets' removal of dust-bin sheds, introduction of house to house collection of refuse all over the City, covering of open drains and laying sewers in the unsewered parts of the City have unfortunately to remain in abeyance till the end of the War.

The number of cases reported during the year was less than the number reported in the year 1943 by 554. The number of inoculations done, *viz*., 84,917 has however exceeded the number done in any previous year. All preventive measures are as a rule taken in every case of fever suspected or definitely reported to be Typhoid and from the incidence of the disease it can be inferred that the measures taken were satisfactory.

The following table shows the number of cases of enteric fever registered in each month during the year. The number of deaths from this cause is shown in Table No. 10 by sections and in Table No. 12 (Appendix) by months :—

Disease.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Enteric fever ...	70	32	36	38	52	86	82	126	124	158	113	91	1,008

Out of 1,008 total cases, 257 were imported. The total number of deaths was 459 as against 567 in 1943. Comparison with number of deaths from the disease for the last ten years is shown in Table No. 11 (Appendix).

The following table shows the total number of deaths from enteric fever, fatality-rate, number of cases admitted to hospitals, number of cases notified by the Medical Practitioners and number of inoculations done since 1939.

	1939.	1940.	1941.	1942.	1943.	1944.
Attacks	723	904	1,123	1,018	1,562	1,008
Deaths	249	399	554	375	567	459
Fatality rate	34.4	44.1	49.3	36.8	36·3	45.5
Death-rate	0.2	0.3	0.4	0.2	0·4	0.3
Hospitalization	...	517	765	841	1.348	927
Cases notified by Medical Practitioners	174	199	234	126	214	148
Inoculations	937	1,040	11,032	14,470	62,891	84,927

It will be seen from the above statement that the measures taken were successful to a great extent and that the position on the whole with regard to the incidence of Typhoid was in no way worse than that in any year since 1939.

Diphtheria.—The following table shows the number of cases of Diphtheria registered each month during the year. The number of deaths from this cause is shown in Table No. 10 by Sections and in Table No. 12 (Appendix) by months :—

Disease.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Diphtheria ...	35	23	32	33	25	37	32	32	45	41	48	52	435

Leprosy.—In the absence of a municipal institution for the isolation and treatment of cases suffering from the disease, the Acworth Leper Home has been doing invaluable work for about 54 years in this important branch of the field of control of communicable diseases. In addition to providing a Home for the isolation of the patients, either voluntarily admitted or committed by the Police under the Bombay Lepers Act, the institution conducts an out-patient clinic.

There existed a deficiency in the link between the institutions where patients are treated and the homes of the patients where they come into contact with a large number of other persons, either in their own families or among the neighbours. This deficiency was made up by the appointment of 2 Health Visitors—one by the Home and the other by the Municipality—from 1st January 1943. For the detection and treatment of early cases of leprosy, the Medical Assistants in charge of the municipal dispensaries have been trained and for correct diagnosis of suspicious cases, arrangements have been made with the Superintendent, Acworth Leper Home, for visiting the dispensaries whenever required. Cases detected by the Medical Inspectors of Schools are directed by them for treatment to the Municipal dispensaries or to the Acworth Leper Home. The number of such cases detected by them during the year 1944 was 18. The number of new cases treated at the municipal dispensaries and at the Home at Matunga were 37 and 683, respectively.

The following details will give some idea of the importance of the field work done by the 2 Health Visitors :—

(1) Number of patients who had ceased attending and who were persuaded to resume treatment		30
(2) Number of contacts examined in homes		1,044
(3) Number of contacts brought to the clinic for examination		42
(4) Number of lepers discovered by examination of contacts		13
(5) Number of visits to the homes of patients	First	434
	Subsequent	2,360
(6) Number of talks on leprosy given		492
(7) Number of homes where isolation was secured		2

The difficulties encountered by the Health Visiors in the field were of a varied nature. The impression that they would be compulsorily made to reside in the Leper Home frightened many a patient, many others feared interruption in their occupation after they were found to be suffering from the disease by the Health Visitors, while some put the Health Visitors on the wrong track by giving wrong addresses and lastly, there were some who left Bombay without taking complete treatment.

Although in certain types of leprosy the patient may live with his family, his isolation in other infective forms is very essential. This isolation in a majority of cases is very difficult, as most of the patients who belong to the poorer classes, live in one or two room tenements along with 2 to 4 or even more members of their families. The above table will show that this isolation was secured by the Health Visitors in 2 cases. In this connection a proper leprosy colony or settlement is badly required for the Province where patients from the City could also be diverted.

Most of the patients belong to the poorer classes. Their poor economic condition, the present difficult food situation and the high prices of food-stuffs militate against improvement of their general resistence absolutely necessary for the cure of the disease.

In many cases patients who had greatly improved considered further treatment unnecessary and others in whom there was no change thought further treatment harmful and useless. It is very satisfactory to note that 30 out of 82 patients who had left treatment were persuaded by the Health Visitors to resume it.

The importance of home visits in connection with leprosy control has been stressed in no uncertain terms by the Central Advisory Board of Health. In very few leprosy clinics in India is any organised propaganda carried on for the patients and their relatives and in no clinic in India there exists any system of home visits. Bombay has, therefore, broken new ground.

Cerebro-Spinal Meningitis.—Cases of Cerebro-Spinal Meningitis reported during the year numbered 177 including 40 imported, as against 226 in 1943 and the total number of deaths from the same was 86 during the year, as against 78 in 1943.

In order to check the spread of the disease, measures such as isolation of the patients, disinfection of the infected places and prophylactic inoculation of the contacts with anti-meningococal vaccine supplied by the Haffkine Institute were taken. During the year, 163 cases were treated in the Arthur Road Hospital. Out of them 55 proved fatal, 103 were discharged as cured and 5 continued as inpatients in the next year.

TUBERCULOSIS.

Number of Deaths and Death rate.—The number of deaths from Tuberculosis during the year was 2,006. The death-rate from Tuberculosis was 1.3, per 1,000 of the population. The annual death-rates in the previous year have been as follows. (For comparison, the decennial and quinquennial average rates have also been stated.)

Period.	Annual Death-rate from Tuberculosis. Pulmonary.	Other Forms.	All Forms.
1934-43	1.3	0.2	1.5
1935-43	1.0	0.3	1.3
1943	1.0	0.3	1.3
1944	1.0	0.3	1.3

Classification according to Sex and Type of Disease.

Year.	Pulmonary T. B.	T. B. other parts.	Total number of Deaths.	Males.	Females.
1943	1,510	440	1,950	1,174	776
1944	1,526	480	2,006	1,232	774

Morbidity.—The Morbidity in tuberculosis is calculated at ten times the mortality. Calculating on this basis, there were probably 20,000 persons suffering from tuberculosis during the year under report. The tragic mortality and morbidity figures emphasize the necessity of an intensive antituberculosis campaign in all its aspects and an extension of the facilities now available.

In response to the various resolutions tabled in the Corporation during the year on tuberculosis and means to combat the disease, a complete scheme had been submitted in the Executive Health Officer's letter No. H/6693 of 7-10-40, and the Municipal Commissioner's letter No. H/6693 of 22-11-40.

The present anti-tuberculosis activities are inadequate and none of the present institutions dealing with tuberculosis patients can be called fully equipped and upto date in the real sense of the term. Only one of the clinics has got X-Ray plant, but even here there is no arrangement for giving A. P. Refills. For a City like Bombay, there should be five fully equipped clinics in different wards and 2,000 beds for the treatment of patients. The number of Health Visitors will require to be increased and colonies provided for the isolation of Sputum positive cases. In spite of this, good work was done through the institution during the last two years and it is gratifying to note that the Hassan Masud Suhrawardy Memorial Anti-Tuberculossi Challenge Shield, which is awarded in appreciation of the praise-worthy and outstanding efforts to counteract the menace of tuberculosis in the area, was awarded to this Municipality successively for two years, *viz.*, 1943 and 1944.

MUNICIPAL ANTI-TUBERCULOSIS MEASURES.

The Municipal anti-tuberculosis campaign is under the control of the Public Health Department. There are 3 T. B. Clinics for out-door patients, a sanatorium for early cases and a Hospital for advanced cases.

T. B. CLINICS.

Staff.—The staff at each clinic consists of a qualified Tuberculosis Officer, a fully trained nurse, a compounder, a peon and a full-time sweeper. The X-Ray department at the Princess Street clinic has in addition an Honorary Radiologist, a full time developer and an X-Ray attendant.

Attendance.—General Medical Practitioners, Medical Officers in charge of the ordinary Municipal dispensaries, School Medical Officers and Medical Officers in charge of Railways, Mills, Port Trust and Factories refer their T. B. and suspicious T. B. cases to the clinics. A good number of patients approach direct of their own accord, for advice and treatment.

PROPAGANDA.

Leaflets.—There are printed leaflets in English, Gujerati, Marathi and Urdu emphasizing the dangers of tuberculous infection and advocating various measures for its prevention. These leaflets are distributed amongst the patients and their relatives.

Lectures and Exhibition.—During Health Exhibitions, the Bombay Sanitary Association arranges for a Tuberculosis stall in co-operation with the Municipal Tuberculosis Department. Opportunity is taken of such exhibitions to distribute propaganda leaflets and to impress upon the public the value of preventive measures against tuberculosis. During the year 1944, the Health Visitor appointed by the Bombay Sanitary Association gave a talk on tuberculosis in a chawl at Lalbaug and the Health Visitor attached to the Ante-Tuberculosis Clinic at Lalbaug gave one talk on tuberculosis in the clinic itself and several more in chawls in the Lalbaug area. The talks were accompanied by demonstrations with the help of magic lantern and slides.

Museum.—At the Tuberculosis clinic at Princess Street, a T. B. Museum is fitted up for the benefit of the public. It contains a number of wall posters illustrating the incidence and dangers of tuberculosis and emphasizing the methods of prevention.

Domiciliary Visits.—In addition to her duties at the clinic, each nurse visits the homes of patients attending the clinic and also of the notified cases. During her domiciliary visits, the nurse distributes printed propaganda leaflets and advises patients and their relations about ventilation, diet, clothing and general sanitation. In addition to the first visit, the nurse re-visits the same houses from time to time throughout the year, to keep up the continuity of the campaign. A special diary is prepared by each nurse describing the number of houses visited and re-visited, the progress of the patient and the advice given to the patient and the family.

Investigation of Patients.—The Diagnosis at the clinic is made on clinical, bacteriological and radiographic findings. There is a well-equipped X-Ray installation at the clinic at Princess Street. Patients from the T. B. Clinics, the Turner Sanatorium and the Maratha Hospital are referred to this clinic for radiography and screening. After a careful diagnosis at the clinic, patients are directed to suitable institutions for treatment. Early cases are admitted to the Turner Sanatorium according to the accommodation available and advanced cases to the Maratha Hospital. Patients who are not able to take institutional treatment as in-patients are

kept under observation and chronic cases discharged from Hospitals and Sanatoria receive symptomatic treatment at the clinics. The sputum examination of specimens referred by Medical Practitioners is undertaken free of charge at the Municipal Laboratory.

Investigation of Contacts.—The investigation of contacts is one of the most important functions of the clinic. Usually when the patient visits the clinic, he is accompanied by a few of his relations. Advantage is taken of their presence and careful investigation is made to find out the positive contacts. The remaining members who are in close association with the patient, are advised by the nurse to appear at the clinic for investigation. Suspicious contacts from sputum-positive cases are screened at the X-Ray Department at Princess Street.

Summary of work done at the clinics during the year 1944.

Total number of new admissions suffering from Tuberculosis was 8,362.

(*a*) Pulmonary T. B. ... ... 8066 ... ... 96.5 per cent.
(*b*) Non- Pulmonary T. B. ... ... 296 ... ... 3.5 per cent.

Analysis according to Caste and Sex :—

Castes.	Males.	Females.
Hindus	3,459	1,429
Mahomedans	1,479	1,189
Parsees	52	33
Christians	499	185
Jews	21	16
Total ...	5,510	2,852

Distribution according to age :—

Upto the age of	10	15	20	25	30	35	40	45	50 & upwards.	Total.
T. B. Cases	377	525	1,400	1,795	1,870	923	663	396	413	8,362

Total number of sputa examined 2,424
Total number of contacts investigated 5,369
Total number of Domiciliary visits 5,426
Total number of attendances 54,015

X-RAY DEPARTMENT, PRINCESS STREET.

Total number of Radiograms taken 146
Total number of Screenings done 22,969

TURNER SANATORIUM.

RETURN OF THE WORK DONE AT THE TURNER SANATORIUM DURING THE YEAR 1944.

I	II		III		IV	V	VI	VII	VIII			
No. of patients at the end of last year.	NUMBER OF PATIENTS ADMITTED 356		SUFFERING FROM TUBERCULOSIS 356		Total admitted.	Discharged.	Died.	Remaining on the last day of the year 1944.	CLASSIFICATION OF 352 CASES DISCHARGED			
	Males.	Females.	Lungs.	Other parts.					1st stage (congestion).	2nd stage (consolidation).	3rd stage (cavitation).	T. B. abdomen
67	190	166	348	8	356	352	..	71	143	200	...	9

Result of the Treatment :—

Improved 298
Not improved 41
Died ... ...
In *status quo* 13

Improvement in 84.6 per cent. of cases.

Artificial Pneumothorax was induced in 121 cases.

Total number of refills was 792.

Phrenic evulsion was performed on 45 cases.

NO. OF SPECIMENS EXAMINED IN THE LABORATORY AT TURNER SANATORIUM DURING THE YEAR 1944.

Serial No.	Particulars.	Total No. of Specimens.	Grand Total.
1	Sputum	565	650
2	Urine	14	
3	Blood	46	
4	Stool	25	

Analysis of 352 discharged cases at Turner Sanatorium during the year 1944.

CLASSIFICATION ACCORDING TO CASTE AND SEX

Hindus.		Mohamedan.		Christian.		Other Caste.		Grand Total.
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
128	70	46	75	17	15	1	...	352

DISTRIBUTION ACCORDING TO AGE

Upto the age of.	10	15	20	25	30	35	40	45	50 & up-wards.	Grand Total.
No. of patients	...	16	73	122	77	31	21	7	5	352

The heaviest incidence of disease was between 20 and 30 years of age.

Effect of Treatment :—

(1) Sputum ... 233 were discharged as sputum negative.

(2) Weight ... 292 gained weight.

(3) Temperature ... 381 were discharged as free from fever.

TURNER SANATORIUM.

Poor Box collection details report.

	Rs.	a.	p.
Balance on 31-12-1943	576	1	1
(1) Total collection during the year 1944	537	0	0
*(2) Spent during the year	789	7	0
(3) Spent on—			
(1) Medicines	*Nil.*		
(2) Tonics	"		
(3) Names of those who pay Rs. 25 or more	"		

* Out of the total amount of Rs. 789-7-0 Rs. 460-0-0 were spent on mosquito curtains and Rs. 212-13-0 were spent for newspapers.

HOSPITAL AND ADVANCED CASES.

Advanced cases of tuberculosis were admitted to the Maratha Hospital. A separate report on the working of this institution is given by the Medical Superintendent in charge of the Hospital on page 40 of this Report

It may however be added here that in view of the increasing need for having still more beds for Tuberculosis patients, it is highly desirable to consider the question of retaining the Maratha Hospital in addition to the new hospital.

The average total annual expenditure incurred at present in connection with the existing Municipal Tuberculosis Institutions is Rs. 2,55,650–11–9.

MALARIA.

Malaria was registered as the cause of 160 deaths. 859 deaths were registered as due to Ague and Remittent Fevers. A considerable proportion of the number under the last two heads probably represents cases of wrong diagnosis or diagnosis based on insufficient or incorrect data.

Average number of deaths.—The number of deaths from Malaria and from Ague and Remittent Fevers in 1944 was 160 and 859 and the annual averages in the ten years 1934 to 1943 as shown in Table No. 11 were 108 and 984 respectively.

Out of the total number of deaths ascribed to Malaria—

49 were certified by Medical Practitioners.

79 were certified by Hospitals.

1 was certified by the Coroner of Bombay.

Inspection of houses for detection of breeding places and destruction of larvae wherever found, were carried on, on a systematic plan. The wards of the City have been sub-divided into areas and each overseer is given an area that could be covered within a week. Breeding places detected were immediately dealt with. Minor structural and other defects likely to result in the breeding of mosquitoes were remedied by the staff and action was taken against owners only when the works required were extensive and costly or the defects recurred frequently.

Quinine and Cinchona.—For the treatment of patients attending the Municipal dispensaries, Municipal Maternity and Infectious Diseases Hospitals, 52¼ lbs. of quinine and 21⅞ lbs. of cinchona febrifuge were used during the year. 900 III and IV grain tablets of quinine sulphate and 400 IV grain tablets of cinchona febrifuge were also distributed.

Statement showing the quantities and cost of larvicides etc., used during the year :—

			Rs. a. p.
(1) Pesterine (Oil furnace)	15,615	Gallons	4,128 3 9
(2) Oil Kerosene 125° (inferior quality)	15,035	do.	13,038 3 0
(3) Lysotol	445	do.	2,642 3 0
(4) Oil Castor	390	lbs.	146 4 0
(5) Paris Green	28	lbs.	77 2 0
		Total Rs. ...	20,031 15 9

Statement showing by wards the total number of wells, cisterns, etc., which were found breeding Anopheles mosquitoes during the year 1944 :—

Breeding noticed in.	Wards. A	B	C	D	E	F	G	Total.
Cisterns, Overhead tanks, and cooling tanks	...	...	...	...	5	...	...	5
Wells	...	...	...	2	3	3	79	87
Masonry tanks	11	1	...	1	11	14	3	41
Static tanks	7	...	...	3	24	26	5	65
Mill tanks	...	...	...	...	16	...	...	16
Fountains, Cattle troughs	...	...	...	5	2	...	2	9
Machinery parts	...	...	...	...	...	...	...	...
Open channels	...	...	...	...	3	16	...	19
Pools, Depressions, Ruts, Pits, Ditches etc.	7	2	...	3	38	60	17	127
Ponds, Puddles	...	...	...	...	9	11	...	20
Wooden tubs	...	...	...	...	2	...	...	2
Odd receptacles, buckets, barrels, drums, jars, etc. ...	...	...	...	...	3	5	1	9
Roof Gutters	...	...	...	...	...	...	...	...
Quarry holes	...	...	...	...	...	1	...	1
Chunam ghanies	...	...	...	...	...	2	...	2
Low lands, grass plots	...	...	...	1	1	22	1	25
Tanks, Talao, Reservoirs	...	...	...	1	...	3	...	4
Boats	1	...	...	...	...	...	...	1
Total ...	26	3	...	16	117	163	108	433

Statement showing by wards the total number of wells, cisterns, etc., where Anopheles Stephensi were found breeding during the year 1944 :—

Containers.	Wards. A	B	C	D	E	F	G	Total.
Wells	...	...	...	...	1	...	...	1
Masonry tanks	...	...	...	1	3	...	...	4
Fountains, cattle troughs	...	...	...	...	2	...	...	2
Open channels	...	...	...	...	2	...	...	2
Pools, depressions, ruts pits, ditches etc. ...	1	1	...	...	6	...	...	8
Wooden tubs, Iron tubs	...	...	...	...	2	...	...	2
Odd receptacles buckets, barrels, drums, jars etc. ...	...	...	...	...	2	4	...	6
Total ...	1	1	...	1	18	4	...	25

Spleen rate:

Out of 1,681 children of the poorer classes examined for enlargement of spleen in dwelling houses 8 were found to have enlarged spleen. The spleen rate for the wards mentioned was 0.4. Details by sections are as given below :—

Ward.	Sections.	No. of children examined	No. of children found with enlarged spleen	Percentage
A	Esplanade	115	...	...
B	Dongri	311	1	.3
C	Dhobi Talao	100	...	...
D	Mahalaxmi	110	1	.9
E	Byculla	180	2	1.1
E	Tardeo	270	4	1.4
F	Parel	103	...	...
G	Mahim	123	...	...
G	Worli	369	...	...
	Total ...	1,681	8	0.4

The following table shows the number of children with enlarged spleen and their percentage found by the School Medical Inspection staff during the medical examination of children in Municipal Schools:—

Ward.	Section.	No. of pupils examined.	No. of pupils found with enlarged spleen.	Percentage.
A	Colaba	415	4	.9
	Fort North	345	4	1.1
	Esplanade	181	3	1.6
B	Chukla	206	...	...
	Mandvi	353	5	1.4
	Umerkhadi	207	8	3.8
	Dongri	1,127	13	1.1
C	Market	103	3	2.9
	Dhobitalao	85	6	7.05
	Bhuleshwar	865	23	2.6
	Kharatalao	267	4	1.4
D	Khetwadi	425	2	.4
	Chowpaty	383	6	1.5
	Mahalaxmi	1,060	1	.09
	Walkeshwar	51	...	...
	Girgaum	2,410	9	.3
E	2nd Nagpada	668	3	.4
	Mazagaon	213	1	.4
	Kamathipura	331	...	...
	Byculla	1,922	10	.5
	Tardeo	58	...	...
	Tarwadi	56	...	...
F	Parel	2,877	17	.5
	Sewri	62	...	...
	Sion	1,344	10	.7
G	Mahim	3,163	15	.4
	Worli	357	2	.5
	Total ...	19,534	149	.7

Blood Slides:—Out of 1,272 slides taken by the Medical Officers in charge of Municipal Dispensaries and examined in the Municipal Laboratory during the year 1944, 324 were found positive for Malaria.

Municipal Dispensaries:—The number of cases of Malaria treated month by month at the Municipal Dispensaries during 1944 is shown in the following table. In the preceding year the number of patients treated was 1,678.

Jan.	Feb.	Mar.	April.	May.	June.	July.	Augst.	Sept.	Oct.	Nov.	Dec.	Total.
112	91	81	96	64	89	123	106	84	110	89	70	1,115

Total cases of Malaria treated during the year at the Municipal dispensaries (first visits) were 1,115 only which formed only 0.5 per cent. of the total new cases treated at the Municipal dispensaries for different ailments. For the last two years record of the cases treated for Malaria not only in the Municipal dispensaries but in the larger general hospitals in the City is maintained by this department. The attendance for Malaria forms only 0.3 per cent. of the total attendance. The percentage is negligible. Further no particulars are available to show if any of the so called first visits are relapses of the infection acquired locally or elsewhere, though from the information collected there is reason to believe that a larger number of them may be relapses of the infection acquired out side the City. The situation so far as the City is concerned, can be said to be under control on account of the continuous efforts made by the department.

Statement showing the total number of wells in the City and their condition on 1st January 1945 :—

Ward.	Section.	Total No. of wells in the City.	No. of wells open or partially open.			No. of wells H. C. C. with and without pump.		
			Total No.	Open	T. D.	Total No.	With pump.	Without pump.
A	Upper Colaba	4	2	1	1	2	...	2
A	Middle and Lower Colaba	28	2	1	1	26	3	23
A	Fort, Southern	16	...	...	...	16	1	15
A	Fort, Northern	266	21	19	2	245	14	231
A	Esplanade	48	4	4	...	44	7	37
	Total ...	362	29	25	4	333	25	308
B	Mandvi	53	7	5	2	46	8	38
B	Chakla	25	6	4	2	19	4	15
B	Umarkhadi	17	8	2	6	9	...	9
B	Dongri	4	...	...	...	4	1	3
	Total ...	99	21	11	10	78	13	65
C	Market	155	33	7	26	123	52	71
C	Dhobitalao	258	60	15	45	198	47	151
C	Fanaswadi	145	26	12	14	119	38	81
C	Bhuleshwar	95	31	14	17	64	24	40
C	Kharatalao	...	...	...	...	...	...	...
C	Kumbharwada	14	2	2	...	12	4	8
	Total ...	668	152	50	102	516	165	351
D	Khetwadi	113	17	8	9	96	14	82
D	Girgaon	121	19	8	11	102	14	88
D	Chowpatty	45	10	1	9	35	11	24
D	Walkeshwar	89	27	15	12	62	22	40
D	Mahalaxmi	75	24	10	14	51	20	31
	Total ...	443	97	42	55	346	81	265
E	Mazagaon	52	3	2	1	49	13	36
E	Tarwadi	56	14	4	10	42	20	22
E	2nd Nagpada	...	...	...	...	...	...	...
E	Kamathipura	3	1	...	1	2	...	2
E	Tardeo	20	4	3	1	16	5	11
E	Byculla	23	1	1	...	22	6	16
E	1st Nagpada	2	...	...	...	2	...	2
	Total ...	156	23	10	13	133	44	89
F	Parel	57	21	13	8	36	16	20
F	Sewri	22	7	7	...	15	6	9
F	Sion	76	42	33	9	34	10	24
	Total ...	155	70	53	17	85	32	53
G	Mahim	200	104	101	3	96	46	50
G	Worli	115	73	68	5	42	18	24
	Total ...	315	177	169	8	138	64	74
F Mills	Parel	9	5	...	5	4	...	4
F Mills	Sewri...	6	3	2	1	3	...	3
F Mills	Sion	3	3	1	2	...	...	...
	Total ...	18	11	3	8	7	...	7
G Mills	Mahim	8	3	...	3	5	2	3
G Mills	Worli	35	12	2	10	23	2	21
	Total ...	43	15	2	13	28	4	24
	Grand Total ...	2,259	595	365	230	1,664	*423	1,236

Wells.—The following table shows by wards the number of wells filled in etc., during the year 1944 :—

Ward.	Total in the locality.	Dealt with		
		Filled in.	Covered	
			completely.	with trap door.
A	362 ...	...	...	...
B	99 ...	...	...	...
C	670 ...	2**	...	...
D	443 ...	...	...	...
E	156 ...	...	...	...
F	172 *plus* 1@ ...	...	...	...
G	358 ...	...	...	...
	2,260 *plus* 1 ...	2	..	...

* 2 H.C.C. wells were provided with Pumps.

@ 1 H.C.C. well newly discovered.

** 2 H.C.C. wells were filled in.

The total number of wells in the City was 2,259 including 1 newly discovered during the year, of which 595 are either open or partially open. Out of 595 open or partly open wells 526 are retained wells, 38 are jack wells and the remaining wells are under action.

Almost all wells which have been decided or proposed to be retained have been stocked with larvicidal fish. The stock is replenished every six months.

Cisterns.—Defective non-mosquito proof manhole covers were replaced by new hinged cast iron standard pattern lids in 12 cases during the year. The total number of cisterns in the City is 60,206.

Tanks.—Mill tanks—In the beginning of the year, there were 85 mills with 92 mill tanks in the City. During the course of the year, one mill-tank in Khatau Makanji Mill was filled in. Thus there were 85 mills with 91 mill tanks in the City. The mill-tanks are regularly examined and treated with larvicides when necessary. Only one mill now participates in the scheme of oiling the mill tanks as desired by the Malaria Advisory Committee.

The following table shows the number of mill tanks found breeding in each month in the year 1944:—

Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
15	19	14	6	4	1	...	...	...	6	4	7	76

Over-head cisterns on Mills and other premises.—There are 182 over-head cisterns on mill Premises. They are all mosquito proof. There are at present 99 overhead tanks on premises other than mills. They are all mosquito-proof.

Admission in Institutions.

The following table shows the number of Malaria Cases admitted and treated in different Institutions in the City during the year 1944.

Serial No.	Name of the Institutions.	Admissions
1	St. George's Hospital	133
2	Cama Albless Hospital	591
3	Sir J. J. Hospital	2,707
4	Sir D. M. Petit and Motlibai Hospital	28
5	Northcote Police Hospital	3,541
6	G. I. P. Railway Dispensary	1,931
7	Adam Wylie Hospital	96
8	Bomanji Dinshaw Parsee General Hospital	22
9	Yamunabai Nair Hospital	65
10	Arthur Road Hospital	117
11	Maratha Hospital	25
12	King Edward Memorial Hospital	5,661
13	Nowrojee Wadia Maternity Hospital	95
14	B. B. & C. I. Raiway Dispensary	525
15	Albless Charitable Dispensary	614
16	Bhatia General Hospital	46
17	Rachael Jacob Sassoon Dispensary	176
18	G. T. Hospital	2,840
19	Bai Jerbai Wadia Hospital for Children	83
		19,297

Statement showing by Wards, the number of Storm Water Entrances treated and the number of occasions they were treated during the year 1944.

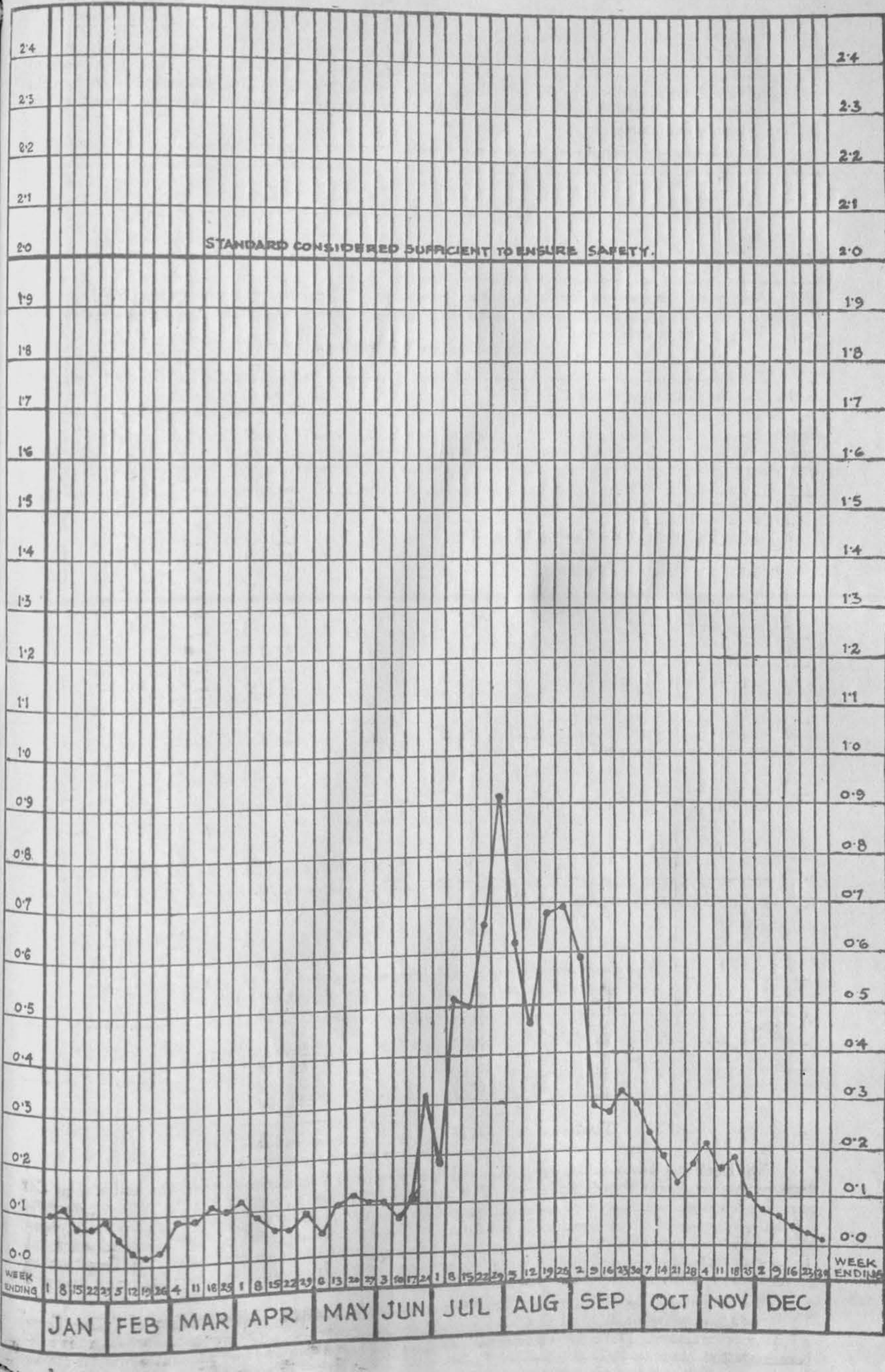
Ward.	No. of Storm Water entrances treated.	No. of occasions they were treated.
A	2,170	46,699
B	18,30	12,473
C	1,963	18,304
D	2,115	59,347
E	2,304	82,944
F	3,200	70,512
G	2,694	10,544
Total ...	16,276	3,01,323

The Dock area devastated by explosions and fires presented a serious menace to the health of the City from the point of view of Malaria during the rainy season, as there was a large number of collapsed structures providing debris and water pockets as also odd receptacles which were likely to prove veritable breeding places. Similarly, big heaps of salvaged materials consisting of broken motor cars, barrels, distorted corrugated sheets and broken parts of burnt ships removed from the devastated area were stocked in the Sewri section. These were kept under vigilant watch during the monsoon for which an extra monsoon staff consisting of 2 Junior Overseers, 1 Mukadam and 6 labourers was appointed.

Yellow Fever.—Aedes Aegypti or Stegomyia mosquito is known to be the carrier of Yellow Fever. The introduction of Yellow fever in India, has since long been apprehended due to air transport from the endemic zones of the disease. Due to increased aerial transport and communications on account of war the risk has become greater. In order to ensure sufficient safety against the risk of this disease being imported into Bombay, it is necessary to keep the Stegomyia index below 2.0 per cent. and the same was maintained below the fixed standard during the year under report. One of the Wards at the Infectious Diseases Hospital at Arthur Road

DIAGRAM G

STEGOMYIA INDEX IN BOMBAY CITY FROM JANUARY TO DECEMBER 1944



has been rendered mosquito-proof as a measure of control in the event of the out-break of this disease. One of the ambulances required for removal of patients has also been mosquito proof.

Epidemiological Investigations.—Towards the end of the year a few cases (5) of Poliomyelitis occurred in a hotel on the Marine Drive amongst Europeans—most of whom were members of the fighting forces and there was only one civilian, the daughter of the hotel-keeper, also a European. The kitchen staff and other menial staff were suspected to be carriers though the grounds for such suspicion were not too strong. The suspected individuals were detained at first in a Military Hospital and later on in a Municipal building. Their excreta and other secretions and excretions were used for inoculating monkeys and the invetsgitation as to the individual carrier condition was undertaken by the Haffkine Institute.

All the monkeys inoculated were found to be in a healthy condition showing no evidence of anterior Poliomyelitis and the suspected individuals were discharged after about 6 weeks.

This disease is uncommon amongst Indians. This Department held the view that there was a greater likelihood of the Europeans living in the hotel being carriers themselves but the Military authorities were of the opinion that there was a great risk in not having these kitchen staff examined. The subsequent results proved our contention that the source of infection was not the kitchen staff.

VENEREAL DISEASES.

The Free Venereal Diseases Clinic situated at 254, Bellasis Road since 1933 in a Municipal building provides the means for taking co-ordinated measures against Venereal Diseases. The clinic was originally started by the League for Combating Venereal Diseases a voluntary organisation, from which it was taken over by this Municipality for administration in 1925. The clinic has been equipped for carrying on modern methods of prevention, of diagnosis and treatment of Venereal Diseases; the principal methods employed being :—

(1) Personal prophylaxis.
(2) Diagnosis
(3) Treatment
(4) Follow-up work, and
(5) Propaganda.

1 Personal Prophylaxis.—Venereal Disease has been regarded as preventable, if personal prophylaxis is properly carried out without loss of time after exposure to infection. For those that disregard propaganda that every extra-marital sexual relation is a potential source of infection, that abstinance from such relation is the best method of prevention of infection and for those that risk infection, free prophylactic centres are kept open day and night at the following Municipal institutions, including this clinic:—

(1) Venereal Diseases Clinic, 254, Bellasis Road, Opposite Alexandra Cinema, Byculla.
(2) Municipal Dispensary, 53, Rajwadkar Street, Colaba.
(3) District No. 3, Dispensary, 259, Sandhurst Road, Near Bhendi Bazaar Tram Junction.
(4) District No. 6, Dispensary, 254, Charni Road, Opposite Central Cinema.
(5) District No. 8 Dispensary, 143, Foras Road, Tram Junction.
(6) Municipal Dispensary Dharavi, 753(B), Dharavi Road.
(7) Municipal Dispensary, 213, C, DeLisle Road, Lower Parel.
(8) Municipal Dispensary, 45, B.D.D. Chawl, Worli.

12,746 persons attended for prophylaxis at the V. D. Clinic and 1,325 attended at other Municipal Centres during 1944.

Diagnosis.—Diagnosis is done for the Clinic and also for general medical practitioners and hospitals having no such facilities. and confidential reports forwarded. The following investigations were done during the year under report:—

Wassermann Reactions 342 were done at the Clinic ; and 1,000 were done by the Haffkine Institute, Bombay, for the Clinic.

Kahn Test	2,826
Dark Ground Searches for Treponema Pallidum ...	1,248
Cultures	62
Smears for Gonorrhoea ... ... —	5,211

Treatment.—Of men, women and children is done at the Clinic, morning and evening, to control infections which have already occurred.

Summary of Cases:—The following table shows figures for the last five years :—

Year.	NUMBER OF PATIENTS DEALT WITH.								Number of V.D. cases carried over from previous year.	Total number of attendances.
	Syphilis. *	Non-Syphilitic Sores. *	Gonorrhoea. *	Total V. D. *	Other than V. D.	Number of patients who ceased attendance before the diagnosis was completed.	Total new cases.	No. of Prophylixis.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1939 ...	1,663	1,315	3,570	6,548	908	276	6,798	5,878	934	1,02,706
1940 ...	1,968	1,590	3,307	6,865	1,647	630	8,286	5,457	856	1,06,425
1941 ...	1,786	1,651	3,292	6,729	1,496	903	8,495	5,858	633	1,05,563
1942 ...	2,743	2,510	3,601	8,854	1,665	788	10,588	11,748	719	1,22,294
1943 ...	4,528	2,641	5,498	12,667	1,122	526	13,626	12,607	689	1,44,576
1944 ...	4,741	4,477	4,431	13,649	1,468	1,272	15,657	12,746	732	1,53,079

* These figures include cases carried over from the previous year as shown in col. No. 10.

Daily Attendance.—The daily average of new patients for diagnosis or treatment and for prophylaxis and the average daily attendance was as follows :—

New Patients	Males	43.3	Total	56.1	Total for Diagnosis and Treatment	
	Females	7.8				
Old Patients	Males	39[illegible].7	Total	502.1	583.2	Total daily attendance 593.2
	Females	105.4				
Prophylaxis	Day	3.9	Total	35.0	Total for Prophylaxis 35.0	
	Night	31.1				

The following is the average daily attendance during the last five years :—

1940	1941	1942	1943	1944
390.7	391.4	479.2	573.7	593.2

Distribution of Cases.—15,667 patients (13,480 males and 2,187 females) were registered for diagnosis and treatment during the year 1944. Out of these, 1,272 (930 males and 342 females) ceased attending before diagnosis was completed, and 1,468 (1,016 males and 452 females) were diagnosed as non venereal. The number of venereal cases registered during the year was 12,917 (11,534 males and 1,333 females), and the number of venereal cases of previous year in which treatment was continued in 1944 numbered 732 (624 males and 108 females). In all the total number of Venereal cases treated during the year 1944 was 13,649 (12,158 males and 1,491 females) and the same is classified as follows :—

	Males.	Females.	Total.
Primary Syphilis	1,505	253	1,758
Secondary Syphilis	2,373	527	2,900
Late Syphilis	59	4	63
Congenital Syphilis	15	5	20
Total cases of Syphilis ...	3,952	789	4,741
Acute and Sub-acute Gonorrhoea	2,806	227	3,033
Chronic Gonorrhoea	1,237	161	1,398
Total cases of Gonorrhoea ...	4,043	388	4,431
Non-Syphilitic Sores	4,163	314	4,477

GRAND TOTAL 13,649 { Males ... 12,158; Females ... 1,491 }

1,468 non-venereal cases were distributed as follows :—

Skin Lesion	454
Non-Specific Urethritis ...	537
Marriage Certificate	67
Certificate of fitness	316
Others	94

As a result of propaganda carried on by the staff and the Publicity section of the Health Department as well as the increasing popularity of the institution, a number of persons are attracted to the clinic for treatment, advice etc. The instances of this nature can be seen from the fact that 67 persons came during the year to the clinic for certificates to the effect that there was no objection to their being married and 316 that they were not suffering from any Venereal Disease.

( ) Follow-up Work.—This is done by the Nurse of the Clinic by paying domiciliary visits to bring undetected cases under medical care and to induce lapsed cases to continue treatment till they become non-infectious. The nurse paid 3,733 visits to families. The Lady Physician paid 114 visits to Vigilence Associations, Women's Rescue Homes and the like.

(5) Propaganda.—The Propaganda room at the Clinic contains exhibits, posters, leaflets, pamphlets and other attractive literature on venereal diseases. Patients and visitors utilise their waiting periods in going over the material placed at their disposal and acquire special knowledge about these diseases. The Nurse of the Clinic distributes leaflets at the time of home visiting.

Group talks were given to patients at the Clinic regarding the facilities afforded about prevention, diagnosis and cure of these diseases. Visites to Rescue Homes and other Institutions were paid for doing work in health education.

Visual instructions with explenatory talk were given by the show of cinema films on 11 occasions at different places. The films shown were 'Know for Sure' (a Talkie on Syphilis) and 'Social Hygiene for Women". The places where they were shown were the following :— (1) Venereal Diseases Clinic, (2) New Nagpada, Neighbourhood House, Byculla, (3) Ante-Natal Clinic, Bellasis Road Maternity Home, (4) National Medical College, (5) Shanker Wadi, Charni Road, and 6) Morarji Goculdas Mills, Lalbaug.

Medical Training in Venereal Diseases.—The Clinic is kept open for obtaining special knowledge in venereal diseases after graduation. For Post-grduate and Short Refresher Courses, no fees are charged. Eleven General medical practitioners attended for short period for practice. Three posts with an honorarium of Rs. 50 each per month have been created in the staff of the Clinic for those who desire to have special laboratory and clinical training. Three general medical practitioners held such appointments as Honorary Pathologist and Honorary Clinical Assistants during the year 1944.

DISINFECTION.

The following table shows the number of cases of Infectious diseases, those removed to Hospitals, the number of houses vacated and disinfected and the number of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1944.

On account of	Cases.	Cases removed to Hospitals.	Houses vacated.	Rooms disinfected.	Articles sterilized.
Plague	...	...	...	...	...
Small-pox	3,741	1,148	...	3,048	1,129
Measles	...	2	...	26	18
Chicken-pox	...	16	...	120	70
Typhoid fever	1,008	15	...	1,099	250
Relapsing fever	...	...	...	...	...
Influenza	3	...	...	1	...
Cholera	1	...	...	2	...
Erysipelas	...	...	...	1	...
Leprosy	69	...	...	5	31
Tuberculosis of Lungs	1,794	76	...	1,264	176
Cerebro-Spinal fever	177	9	...	75	28
Dead Rats	...	...	...	2	...
Other Causes	810	2	...	671	291
Total ...	7,603	1,268	...	6,314	1,993

Quantities and Cost of Disinfectants and Insecticides used.—The following statement shows (*a*) the quantities used for disinfecting dwelling houses, rooms and other places such as house gullies, drains, privies, etc., (*b*) the total cost of the disinfectants used for each purpose, and (*c*) the total quantities in which each kind of disinfectant was used during the year ending 31st December 1944 and their total cost :—

Name of disinfectant.	(*a*) Quantities of disinfectants used. (*i*) For disinfecting dwelling houses and rooms.	(*a*) (*ii*) For disinfecting other places such as house gullies, drains, privies, etc.	(*b*) Total cost of disinfectants used. (*i*) For disinfecting dwelling houses and rooms. Rs. a. p.	(*b*) (*ii*) For disinfecting other places such as house gullies, drains, privies, etc. Rs. a. p.	(*c*) Total quantities of disinfectants used.	(*c*) Total Cost. Rs. a. p.
Pesterine (oil furnace) Gallons ...	5	16,808	1 4 0	4,434 13 9	16,813	4,436 1 9
Oil Castor Lbs. ...	...	390	...	146 4 6	390	146 4 0
Sal Hycol, Gallons ...	17	150½	66 0 0	1,090 9 0	167½	1,156 9 0
Sulphur, lbs. ...	8	10	1 8 0	5 3 0	18	6 11 0
Resotol Powder, Bags ...	...	9	...	108 4 0	9	108 4 0
Kerosene 125°, Gallons ...	57	15,291	67 5 0	13,434 3 0	15,348	13,501 8 0
Paris Green, Lbs. ...	...	28	...	77 2 0	28	77 2 0
Lysotol, Gallons ...	493½	495	4,125 2 0	3,073 7 0	988½	7,198 9 0
Tropical Chloride of Lime, Cwts. ...	...	143	...	7,051 11 0	143	7,051 11 0
Malariol, Gallons ...	...	...	...	...	...	...
Phenol, popular Drums ...	3	3	67 4 0	115 15 0	6	183 3 0
Pyrethrum extract 1% Gallons ...	1	...	21 0 0	...	1	21 0 0
Lysol Lbs ...	5	...	7 8 0	...	5	7 8 0
Total ...	...	...	4,356 15 0	29,537 7 9	...	33,894 6 9

MEDICAL RELIEF.

Municipal Dispensaries.—All the nineteen Municipal Dispensaries were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The number of new cases treated at the Dispensaries during the year was 2,20,910 (1,42,048 males and 78,862 females) as against 2,13,894 in 1943. The total attendance numbered 7,71,482 as against 7,78,427 in 1943. These figures include 135 visits by the Dispensary Medical Officers to patients in their homes.

The diseases treated at the dispensaries during each month of the year, are shown in Table No. 5 (Appendix).

In addition to the above dispensary work, women and children are treated by two part-time Lady Doctors at six Municipal dispensaries in the City between 12 noon and 2 p.m. twice a week and by the Lady Doctors in charge of the five Maternity Homes at the five Ante-Natal and Post-Natal Clinics attached to the respective Homes between 1 and 3 p.m. These Clinics have been working daily since June 1939. The number of new cases treated at these dispensaries was 29,120 (23,041 women and 6,079 children) as against 28,625 in 1943. The total attendance at these dispensaries was 1,32,735. These figures include 9,233 visits by the Lady Doctors to patients in their homes.

Eye Dispensary and Hospital.—The Dispensary and Hospital at Kamathipura are attended by two Medical Officers by turn, *viz.*, one attends on Mondays, Wednesdays and Fridays and the other on Tuesdays, Thursdays and Saturdays. The Institution is open every day from 8-30 to 9-30 A.M. except on Sundays. The Hospital has accommodation of 6 beds for males and 6 beds for females with a small Operation Theatre. The total number of new cases treated in 1944 at this Institution was 9,060 (7,162 for Eye, and 1,898 for Ears), as against 7,448 in 1943. The total attendance was 59,621 during the year as against 49,660 in 1943. The number of indoor patients amongst the new cases treated and total attendance were 189 and 2,769 respectively.

Attendance of New and Old patients as compared with the previous three years was as follows :—

Year.	New Patients.	Old Patients.	Total.
1941	6,464	15,119	21,583
1942	6,242	21,605	27,847
1943	7,448	42,212	49,660
1944	9,060	47,603	59,621

A full-time resident nurse has been attached to this hospital.

PUBLIC HEALTH PROPAGANDA AND EDUCATION.

Health Education constitutes the key-note of modern public health campaign and the means available to the Public Health Educationists are (1) the spoken word, (2) printed matter, (3) pictures and diagrams, (4) exhibits, (5) lantern slides, (6) movies and (7) radio. The Health Department through its propaganda section and other executive officers endeavoured to put into service all the means in achieving its aim of broad-casting health knowledge to the widest possible circle.

This new branch which was opened in November 1942 was strengthened, so far as equipment is concerned by the following :—

(1) A mobile cinema van was purchased at a cost of Rs. 24,422 including accessories like the radiogram, microphone with a stand and slide adapter. The van was brought into use in November 1944.

(2) 12 new posters on "Health Habits" for children were secured from Mrs. Talpade, on payment of an honorarium of Rs. 150. 10 posters on "General Sanitation" and 2 on "Milk Stable Hygiene" were purchased from J. J. School of Arts for Rs. 200 and 1 poster on "Anti-bazar Food" was purchased from Mr. Desai for Rs. 10.

Year by year addition is made to the equipment of the mobile van purchased. The immediate necessity of Propaganda section is a larger accommodation to store the materials and equipment and a dark room and also dark-room equipments to develop the negatives immediately. The branch is not able to work independently. A commercial Artist is an absolute necessity and in order to enable the Propaganda Officer to organise exhibitions systematically, he will have to be given the services of a carpenter, a painter and 6 skilled labourers, with a truck (with a driver and a cleaner) to carry the materials. During the year 1944-45 a provision of Rs. 8,000 was made to produce one Health film. In the first few years at least the Health films will have to be produced on a larger scale. Provision will have to be made for producing 4 films at least in a year. The office establishment of the Propaganda Officer also need to be augmented. One more clerk and 2 peons required to be attached to the office to respond promptly to public correspondence and to help the Propaganda Officer in preparing posters, leaflets, etc.

Health Education through the spoken word.

During the year, 18 public meetings were organised which were addressed by Municipal and other doctors including Drs. R. P. Koppikar, Bhaskar Patel, and M. G. Shah. The estimated attendance at the last three lectures varied from 500 to 1,000.

Through the printed matter.

Brief Health-Education articles on Malaria, Health, Debit and Credit, Tuberculosis, Clean Milk, Typhoid, the lure of bazar food and Clean milk prouction were contributed to the local English and vernacular dailies and periodicals, *viz.*, 'Journalist,' 'Indian Home' and 'Saksharatadeep'.

Visual Instruction.

A new feature of the propaganda tried by the Publicity Section was the step taken to improve, if possible, the condition of milch cattle stables by demonstrations as to their cleanliness and sanitation. Demonstrations were arranged at (1) Mohamed Yusuf Stables, Lamington Road, (2) Choksey's stables at Gilder Lane, and (3) Milk stables at Bapty Lane and the demonstrations were watched by about 400 persons on each occasion.

Magic lantern lectures on Typhoid, Small-pox, Malaria, Tuberculosis, Venereal Diseases, etc., were arranged in different parts of the City. In all 34 talks were arranged, out of which 5 were given by the Propaganda Officer himself and the rest by the sanitary staff. The audience on each occasion varied from 400 to 8[illegible]0.

Health Education Pictures on (1) Subsidised Milk for children in the City, (2) Cleanliness, Child Health, and (3) the Cleanliness, were contributed to the (1) Evening News of India, (2) The Illustrated Weekly and (3) Indian Home, respectively.

Sets of Health Education photographs were taken on the following subjects :—

(1) Child Health, (2) Cleanliness, (3) Milk Hygiene, (4) Bazar Food, (5) Quack Medicine.

A competition for Health Education Pictorial Posters was organised among the J. J. School of Arts students.

Portable frames for displaying Health Education posters were prepared and distributed to the following key-places, Railway plat-forms, Municipal markets, etc.

Stations.	Municipal Markets.	Municipal Gardens.
(1) Victoria Terminus ...	Crawford Market ...	... Victoria Gardens.
(2) Byculla	... Null Bazar.	
(3) Dadar	... Parel Market.	
(4) Bombay Central ...	... Dadar Market.	
(5) Churchgate ...	... Gold Mohur (Byculla) Market.	

Road sign posts with Health Eduation pictures in colours were prepared and fixed at strategic street corners in the City, *e.g.*, Null Nazar, Byculla and Lalbaug Markets.

Blocks from Health Photographs were prepared and circulated to Illustrated periodicals (Indian Home—December Issue), etc.

Health Exhibitions were organised during the year at (1) St. Xavier's High School, Dhobi Talao, under the auspices of Bombay Women's Association, (2) Hasnabad, Mount Road, Mazagaon, under Aga Khan Health Centre, (3) Sanitary Institute, Princess Street, under Bombay Sanitary Association, (4) Gilder Tank, Schools

Committee Building, Lamington Road under the Medical Inspector of Schools, Health Department, (5) Ram Baug, near C. P. Tank, under All India Women's Conference, (6) Welfare Centres, B.D.D. Chawl, Worli, under Labour Welfare Officer, DeLisle Road, and (7) G. I. P. Railway menial chawls at Gunpowder Road, Mazagaon, under the Principal Medical and Health Officer, G. I. P. Railway. The exhibitions were generally kept open in the afternoon from about 3-0 P.M. to 8-0 P.M. (S.T.); but in a few cases they were kept open in the morning also.

Cinema films on a variety of health subjects were exhibited all over the city. In selecting sites for Health film exhibitions, preference was given to the predominantly labour localities, like the Municipal Welfare Centres, B.I.T. Blocks and G. I. P. Labour Chawls. The institutions covered by the Health film exhibitions programme included groups as (1) Schools, (2) Social Clubs like Bombay Bhagini Samaj, (3) Remand Homes, (4) Reformatory Schools like Umarkhady, Chembur and David Sassoon Industrial Home and Prisons.

79 shows of films on Tuberculosis, Venereal Diseases, Malaria, Care of teeth, Typhoid, Cleanliness, Anti-Drink, etc., were arranged and 65 talks were given at different places during the year. These shows seemed to be very popular and the attendance reached 1,000 to 4,000 every time.

In adition to the propaganda done by the Publicity Section, the Health Visitor attached to the Bombay Sanitary Association gave 36 lantern slide lectures on Small-pox and 27 on Typhoid fever in chawls inhabited by labourers. He also delivered 5 such lectures in schools and 8 in the Welfare centres in the City.

A number of 'Information Films of India' Films was secured and displayed free for the Municipality. The United States Office War Information was the other source from which such Health films were secured. A large number of 16 mm health films was borrowed from the Director of Information, Government of Bombay. Our thanks in this case are due to :—

(1) Mr. Ezra Mir, Producer, Information Films of India, (2) Mr. Het ManLein, Director, Film Division, for the General Representative in India of the United States Office War Information, (3) Mr. Claude Scott, Director of Information, Government of Bombay, and (4) Mr. Ladislav Urban, Consul for Czechoslovakia.

PUBLIC HEALTH ADMINISTRATION.

Aiming chiefly at the promotion of health and prevention of disease the City health administration like any Public Health Administration engages itself in organising and directing the activities of different agencies, official and voluntary, towards that end. It deals generally with mass of the community, in regard to Public health. It also gives due attention to both the environmental and individual aspects of Public health work.

The relative importance of different Public Health procedures can hardly be expressed with fine mathematical precision. Nevertheless, efficient administration requires a sense of proportion and special problems must receive earlier and greater attention than others which for want of funds or trained personnel cannot be carried out at the same time.

Whatever the various activities, they are however so interlinked with one another that they cannot be separated in the administrative or the executive aspect without prejudice and detriment to Public Health.

In Bombay, as in other countries, the Public Health activities of the Municipality are centralised in the Executive Health Officer and they comprise—(1) Conservancy and General Sanitation including Housing; (2) Food Sanitation; (3) Registration and Vital Statistics; (4) Control of Communicable Diseases; (5) Hygiene including Maternity, Infant, pre-School and School Health; (6) Laboratory work; (7) Medical Relief; (8) Publicity and Health Propaganda, and (9) Welfare work among labourers.

(1) Conservancy and general sanitation are the essential services rendered by the Public Health Department which have an important bearing on the health of the City. The two services cannot be formed into two separate units independent of each other but for the sake of arrangement of work they may be described as follows :—

Conservancy includes the work of cleansing streets, gullies, footpaths, etc., removal of chokes from drains, collection, removal and disposal of refuse, halalkhore service, gully seweeping, gully flushing, road washing, dog licensing, destruction of rats and dogs, Dog licensing work, Veterinary service, control of infectious diseases among animals, removal of carcasses, disinfection and disinfestation of the environments of places where communicable diseases occur, ambulance service, etc.

General sanitation comprises inspection and supervision of all premises with a view to detecting sanitary defects and taking steps to remedy them, provision of public sanitary conveniences, maintenance of premises in a sanitary state, taking of action against defaulters, sanitary control over factories and other licensable trades, housing and action with regard to overcrowding, finding out defects regarding houses unfit for human habitation and taking action against the same.

(2) Food sanitation entails control over adulteration of food, supervision over food exposed for sale and of food handling establishments, destruction of unwholesome food, etc.

(3) Registration and vital statistics include the arrangements for the registration of births and deaths taking place in the City, maintenance of records of the vital events affecting the health of the City and regulations of places for the disposal of the dead and the provision of new places for the said purpose.

(4) Control of communicable diseases entails measures for the prevention of diseases like Small-pox Plague, Cholera, Typhoid fever, Tuberculosis, etc., and the provision of hospitals for the isolation and treatment of such diseases. It also includes the establishment of clinics for the treatment of diseases like Tuberculosis, Venereal Diseases and the like, follow up work through the health visitors and medical officers and arrangements for vaccination and inoculation of the public. A special section is run for control and prevention of Malaria.

(5) Hygiene includes care at homes and at clinics for ante-natal, natal and post-natal cases of infants and toddlers and provision of maternity care at institutions. School health and hygiene is carried out through medical inspection of school children and the correction of defects through clinics, dispensaries, etc.

(6) Laboratory work consists of routine and special examinations. It includes examination both chemical and bacteriological of water, sewage, etc., and of all kinds of articles bearing on health particularly under the Bombay Prevention of Adulteration Act and also of the examination of clinical specimens such as sputa, urine, blood etc., of the patients treated at Municipal institutions.

(7) Medical Relief consists of treatment provided at hospitals and dispensaries including those conducted for the treatment of diseases peculiar to women and for the treatment of eye ailments.

(8) Education is the basis of modern Public Health work if permanent results are to be obtained. With that end in view, a Public Health Propaganda section has been opened for mass education of the public in matters pertaining to health.

(9) Welfare work comprises recreational activities, educational activities, health work and labour officer's work among the Municipal workers.

Conservancy Branch is in charge of a Head Supervisor who has under him 9 Supervisors, 7 Senior-Overseers, 54 Junior Overseers, 12 Depot Attendants, 15 Caretakers, 3 Dog Catching Sub-Inspectors and other staff, 2 supervisors and 8 overseers for dog licensing work.

The Veterinary staff includes, 1 Senior Veterinary Inspector and 3 Junior Veterinary Inspectors, who are all qualified Veterinary Surgeons and inspect all public stables in the City and are also in charge of the Municipal Bullock Hospital and of the segregation sheds at Tardeo Flats. In addition to this staff, there are 9 Veterinary Assistants who are responsible under the Conservancy Supervisors for the health of bullocks in the eleven Health Department Stables.

For sanitary administration the City has been divided into seven wards A to G grouped into four divisions, *viz*. A and B Wards, C and D Wards, E Ward and F and G Wards, under Assistant Health Officers responsible for the sanitary work of their respective divisions. There are thus four Assistant Health Officers in charge of the four main divisions of the City.

The Island has been further sub-divided into 50 sections in charge of Inspectors styled Medical Assistants and each Inspector in the section to which he is appointed is required to undertake the work incidental to registration and sanitation.

The 50 sections have been arranged in groups to form 10 Registration and sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and/or Junior Medical Inpector. There are 7 Senior and 10 Junior Medical Inspectors who are required to be Medical men and to work under the orders of the Assistant Health Officers of the wards in which their respective Districts are situated. An exception to the rule regarding the possession of medical qualification is made in favour of the old grade Sanitary and Assistant Sanitary Inspectors.

For the control of milk trade, 7 Sub-Inspectors are employed under the Supervision of Medical Inspectors. Sampling of milk is carried out by the Sub-Inspectors and Medical Inspectors. The latter are also responsible for taking samples of other articles of food under the Prevention of Adulteration Act.

There is one Municipal Infectious Diseases Hospital at Arthur Road for the treatent of patients suffering from all Infectious Diseases except Tuberculosis and Leprosy. It is under a Medical Superintendent with a permanent staff of 2 Medical Assistants, 1 Matron, 2 Sisters, 4 Nurses and 3 Probationers. This staff is supplemented from time to time by a temporary one to cope with the increase in the number of patients.

Tuberculosis patients are treated at the Turner Sanatorium at Bhoiwada and at the Maratha Hospital at Connought Road which are under a Medical Officer with a staff of 2 Medical Assistants, 2 Matrons, 2 Sisters and 14 Nurses.

Tuberculosis patients are treated at the out-patients clinics at Princess Street, Foras Road and Lalbaug which are attended by Medical Officers with the staff of 1 Hon. Radiologist and 4 Nurses working under them.

Venereal Diseases cases are treated at the special Clinic at Bellasis Road which is under a Medical Officer with a Lady Physician, 1 Clinical Assistant, 1 Clinical Pathologist and a Nurse working under him.

Leprosy cases (in-patients) are not treated at any Municipal Institution, though the non-infectious type of these are dealt with at the Municipal General Dispensaries. This activity is carried on by a Board of Management with the Municipal Commissioner as the President and the Executive Health Officer as the Hon. Secretary. Besides the grant-in-aid paid for this activity, the Municipality have recently appointed a Health Visitor to do the work of visiting patients in their houses and to keep up the link between the clinic and the home.

The Anti-Malarial measures were carried out during the year by a staff consisting of 6 Medical Inspectors 95 Sub-Inspectors, 7 Muccadums, 207 labourers, 1 Carpenter and 1 Mason under an Assistant Health Officer (Malaria), subject to the general direction and control of the Executive Health Officer.

The Vaccination staff includes the Superintendent, I Head Vaccinator and 13 Vaccinators, including one Female Vaccinator which was supplemented by a temporary staff of 3 Vaccinators to meet increased demand.

Ante-natal care, care at birth, care during infant and pre-school life is rendered to the public through the five Municipal Maternity Homes which are placed under the charge of Lady Medical Officers who have under them a staff of 19 Nurses and 10 Health Visitors working under them. A small maternity unit has been started at Dharavi and is given in charge of a trained Health Visitor who works under the general guidance of one of the Lady Medical Officers incharge Municpal Maternity Home.

Care in school life is given by the branch for the Medical Inspection of School Children with the inspectorial staff of one Medical Inspector, one Medical Inspectress, 2 Junior Medical Inspectors and 1 Asstt. Medical Inspectress.

The children with physical defects are sent to dispensaries and institutions according to ailments and those with major defects are generally sent to the special school clinic maintained at the K. E. M. Hospital under the care of a School Clinic Organiser, and Assistant School Clinic Organiser.

The analysis of samples of food, samples of the Municipal water supply and of clinical specimens is carried out in a Laboratory attached to the Health Department by the Municipal Analyst, who is assisted by 1 Assistant Analyst 1 Assistant Chemist, 2 Assistant Bacteriologists, 2 Junior Laboratory Chemists.

General Medical Relief is administered through the nineteen free dispensaries, in different wards under 18 Medical Assistants, 6 dispensaries for women and children under two part-time lady doctors, one eye hospital and an eye dispensary at Kamathipura under two Honorary Surgeons, and one senior nurse.

Health Publicity section has been opened since November 1942 and is in charge of a Propaganda Officer under the direction of the Executive Health Officer.

Welfare work among labour staff is carried on by a Lady Welfare Organiser with two Assistants and one Women Assistant welfare officer (Health visitor) and staff of 11 teachers for sewing classes, 11 women workers, 10 men workers and 12 Assistant men workers, one games teacher, a band-master and two Gymnasium teachers. Except the Organiser and her Assistant, the other staff are part-time workers.

CONSERVANCY.

During the year Conservancy Branch attended to (1) cleansing of roads, foot-paths, and house-gullies, (2) road scraping, (3) collection, removal and disposal of refuse, (4) road washing and gully flushing, (5) cleansing of house drains, (6) collection, removal and disposal of night soil, (7) rat destruction, (8) destruction of stray dogs, (9) dog licensing (10) catching and impounding stray cattle, (11) removal of dead animals, (12) infectious diseases ambulance service and service for removal of dead bodies, (13) prevention of various types of nuisances, (14) veterinary services.

Cleansing of Roads, Foot paths and House gullies.—The arrangement of cleansing was more or less the same as in the previous year except for slight variation with a view to maintaining the streets as clean as possible. Roads, foot paths and house gullies in the City are cleansed as frequently as the locality demanded. These are as a rule cleansed twice daily, but some roads are given more attention and swept even four to six times a day.

In addition to this regular service, arrangements have been made to clean some of the roads and foot-paths during non-working hours by detailing a special staff for the purpose, thus keeping such places clean throughout the day.

Places of recreation such as Apollo Bunder, Cuffe Parade, Marine Drive, Warden Road Scandal Point, Love Grove Road and Worli Promenade were rendered special service especially at times when the people resort to these places for recreation, by appointing special staff of about 10 men as during these hours dropping of refuse at these places is considerably heavier rendering them filthy. These droppings are immediately picked up by these men and removed. This helped in rendering these places cleaner than before.

In addition to the sweeping of roads, they are also brushed and scraped to remove the dust and dung as well as the dropping of peelings of fruits, etc., from their surfaces as frequently as possible by employing a special staff for the purpose.

Total mileage in length of various types of roads, foot-paths and house-gullies with their area in square yards that the Conservancy Branch cleanses every day is given below:—

	Roads.	Foot-paths.	House-gullies.
Miles	268.04	236.67	104
Square yards	5,00,3707	22,58,485	3,29,700

Refuse Collection and Removal.—All refuse collected by sweeping etc., from the roads and gullies is removed in hand-carts and travelling carts. From the hand-carts, it is transferred to travelling carts or to the refuse sheds provided at different places in the City. The travelling carts remove refuse to the different temporary dumps or to the places of disposal assigned for the purpose in the City. Refuse collected in refuse sheds is removed in lorries to the places of disposal at least twice a day.

Domestic refuse is collected in the galvanised sanitary bins having a capacity of 2 c.ft. provided by the owners following the action taken by this branch under Section 368 of the Municipal Act. Such refuse is collected in receptacles on the ground floor of the premises or in the compounds, whence it is removed by the Municipality once a day by lorries or carts. This system of "House to House Collection" of refuse is in vogue in some of the wards and in certain parts of other wards of the City. In the interest of sanitation, this system needs to be extended to other parts of the City which will depend upon the availability of additional transport and men and will do away with the necessity of maintaining refuse sheds and dumping places which are a source of nuisance in the City.

Sanitary Bins.—28,345 buildings have been provided with 1,10,877 bins at the cost of the owners. Actions for the replacement of missing as well as broken sanitary bins are taken as far as practicable by this branch and every effort is made to see that the refuse from the houses is removed regularly and systematically.

The following Table shows the refuse collected and removed in Tons by the Street Cleansing Section:—

Population Census 1941.	Area in acres.	Tonnage of refuse collected and removed			Total estimated.
		House and street.	Trade.*	Market.	
14,89,883 (Actual over 23,00,000	16,761.6762	5,03.50	26,850	32,639	5,62,539

The vehicles used for the collection and removal of refuse consist of 330 units comprising of 43 mechanically propelled and 287 bullock-drawn vehicles. Most of the Mechanical Transport are old and have outlived their useful life and need replacement. This is a serious handicap to this Branch.

Public Receptacles and refuse collection yards for the storage of Refuse.

Street and orderly bins.	Dust-bin cart stands.	Refuse bucket bins on stands.	Number of dust-bin sheds.	Number of Refuse collection yards.
18	132	30	158	3

The refuse collection Yards mentioned above are situated (1) at Palton Road A Ward, (2) Ghorupdeo E Ward East, and (3) Prabhadevi G Ward South. Sweepings from streets and gullies from some of the part of A, B and C Wards close to Palton Road are brought by carts to that Yard, from some portions of E to Ghorupdeo and those from F and G Wards to Parbhadevi Yard. These collections are subsequently removed to Mahalaxmi Sidings by motor lorries.

Refuse Disposal.—The following table shows the quantity of refuse in tons disposed of by various methods :—

Quantity of refuse disposed of by various methods							
By Rail to Deonar			By Reclamation			By incine-ration	By manure-pits
House-hold.	Trade.	Market.	House-hold.	Trade.	Market.		
3,52,688	60,986	32,639	1,47,730	1,89,367	*Nil.*	2,632	28,517

TOTALS

Household	Trade	Market	Total
5,03,050	2,78,870	32,639	8,14,559

Reclamation grounds in the City.

(1) Hornby Vellard; (2) Haines Road; (3) Matunga Railway Lines; (4) Dharavi Low lying lands.

It will be seen from the above statement that the quantity of refuse disposed of was more than that in the previous year. This was due to the increase in the population, movements of the military camps, growth of industries, etc. In addition to this, large quantities of debris and burnt refuse, etc., were removed and disposed of at the Reclamation ground after the unfortunate incident of the explosion in the Dock areas that occurred in April 1944.

Road Washing and Gully Flushing.—The asphalt, concrete and set-stone roads are washed by this branch twice a month in about four days, by employing both the road washing and gully flushing gangs, in the first and third weeks of every month in the early hours between 2-30 and 5-30 A.M. (B.T.).

This arrangement of washing the roads in the earl y hours of the morning has resulted in reducing the number of accidents to horses and bullocks as the roads get dry before the heavier vehicular traffic commences in the morning, and can be called an improvement in work though it causes a bit of inconvenience to the persons sleeping on the roads and foot-paths at night times on account of insufficient housing accommodation etc. Further improvements can be achieved if roads can be washed more frequently say once a week. The washing of roads frequently will keep them free from dust. But unfortunately, it is not feasible on account of scarcity of water and inadequate staff. This is, however, kept in view and will be given effect to even at extra cost on labour and equipment etc., when water supply improves and normal conditions return.

Gullies are flushed now-a-days once every three weeks. These gullies need flushing frequently to keep them free from dirt and filth, but owing to the same difficulties as mentioned in the case of road washing, the arrangement had to be deferred for better times.

STATEMENT SHOWING THE WORK OF ROAD SCRAPING, ROAD WASHING, & GULLY FLUSHING DONE DURING THE YEAR.

Road Scraping.		Road Washing & Gully Flushing.	
Area of roads scraped in square yards.	Tonnage of road scraping collected.	Areas of roads and foot-paths washed in sq. yds.	Area of paved gullies flushed in sq. yds.
80,66,468	30,660	2,53,87,829	70,28,620

Cleansing of House Drains.—The Conservancy Branch attends to the cleansing of house-gullies and removal of chokes therefrom and this work is attended to as promptly and as efficiently as practicable. Deep and difficult private drains are attended to by the Drainage Department and necessary assistance is given by this department in relieving such chokes.

STATEMENT SHOWIKG THE HOUSE-DRAIN WORKS DONE BY THE BRANCH DURING 1944.

No. of temporary chokes removed.	No. of pipe lines cleaned.	No. of drains rectified at the owners' cost.
3,58,516	21,043	67

Salvage Operation.—Decomposed food-stuffs preserved in tins were received at the places of disposal. Some irresponsible rag pickers were detected at Deonar Refuse Dumps collecting the tins with the object of selling them to some shop-keepers or consuming the stuff themselves. On detecting this, steps were taken to prevent the danger arising from the possibility of consumption of the stuff, by not allowing the same to be sent to Deonar. Instead, these tins were opened at Mahalaxmi and the contents destroyed. As this was not possible with the existing staff, four extra labourers were employed to work under the supervsion of S. O. M. S. to open and clean such tins and sell them by auction from time to time. Further, with a view to giving some impetus to the salvage problem, a beginning was made by collecting from the refuse materials such things as wooden boxes, broken glasses, old gunny bags, paper boxes, scrap iron, etc. These articles were cleaned and also sold by public auction. This step, besides resulting in precaution being taken from the public health point of view, resulted in a small source of revenue to the Municipality. The amount realised during the year from such sales was Rs. 2,878-10-0.

Salvage problem is important from the Public Health as well as from the economic point of view. The rag pickers, etc., are seen collecting all useful materials from the refuse at all places. The work was, however, not taken up by this department so far, especially as there was not much demand for such waste collected. On account of the war, however, small industries such as paper factories and the like have cropped up with the result that a gradual demand for the materials mentioned above has been created. With the growth of these industries the demand for such articles is likely to increase, and the Municipality will be faced with the problem of saving all possible useful material for industrial purposes. It would also be necessary to take precautions to see that such materials do not go to the hands of the people for sale without being properl y disinfected. A beginning has been done and it is hoped that it will be possible to maintain its progress. The present arrangement of salvage will be continued till such time as the scheme materialises and the time becomes opportune to put it on a sounder basis. Proper steps are being taken to see that the stuff is properly and systematically collected and disposed of in a manner causing less nuisance and danger to the public health. All precautions are required to be taken with due consideration of the advantages and disadvantages of the problem and the matter will therefore have to be observed carefully for some time more before further steps are taken to establish the scheme on a permanent basis.

Collection, Removal and Disposal of Night Soil.—Contrary to the situation obtaining in normal years, halalkhore work increased considerably over the previous year. This was due to the construction of many temporary privies and the cesspools on account of the military and labour camps that sprang up in the City. The work of converting privies on basket system into water-closets on full flushing system in the northern part of the City was held up again this year on account of war situation. The work is arranged for and carried out as far as practicable within the means available. 44 cesspool carts and 3 cesspool lorries were employed to cope with the work.

The work done by the Halalkhore Branch in the year 1944 is shown below :—

No of hands employed.		Total number existing.				Amount of excrementitious matter removed.	
Basket Halalkhore including V.G. Cleaners, etc.	Cesspool Cart-Drivers.	Privy seats.	Cess-pools.	Septic Tanks.	Soakage pits.	From Privies. Baskets.	From Cess-pools. Gallons.
718	40	2,041	638	121	47	6,00,583	99,93,000

Basket Privies:—During the year 1944, the number of seats to be converted in the sewered areas of the City is as under:—

Ward.	Number of blocks in sewered areas.	Number of privy seats in sewered areas.
A.	...	...
B.	...	...
C.	2	4
D.	1	2
E. E.	2	6
E. W.	1	2
F.	39	179
G. S.	119	270
G. N.	128	246
Total ...	292	709

The following Table shows the number of Basket Privies in the unsewered areas:—

Ward.	Number of privy blocks in unsewered areas.	Number of privy seats in unsewered areas.
F.	279	721
G. S.	30	27
G. N.	136	584
Total ...	445	1,332

The following table shows Public Sanitary Conveniences as existing in the year 1944.—

	Latrines. only.	Urinals. only.	Bathing places only.	Combined Latrines, and Urinals.	Combined Latrines, Urinals and Bathing places.	Basket Privies.	Total.
No. of structures ...	46	116	6	61	19	8	256
No of seats ...	415	...	...	282	110	...	807
No. of stalls ...	...	379	...	244	74	...	697
No. of Bathing cubicles ...	...	...	22	...	84	...	106
No. of privy seats ...	...	...	...	...	...	96	96

The work of cleansing the septic tanks attached to the private premises in the unsewered areas in the City was continued this year also by this branch free of charge. There are in all 121 septic tanks in the City, majority of them being in F and G Wards.

Revenue derived by rendering special services and the Sale of Rights.—The following Table shows the revenue derived by this branch during the year from special halalkhore and conservancy services rendered as well as from sale of different rights such as manure, cultivation, cutting grass, etc. :—

Special Halalkhore Service.	Conservancy service removal of refuse, etc.	Salvage operation.	Sale of H. D. Rights.	Removal of carcasses.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs. a. p.
32,258 13 0	74,431 2 0	2,878 10 0	84,918	4,995	1,99,481 9 0

Rat Destruction Work.—Rat catching and killing operations were carried out as vigorously as possible with the means available and with satisfactory results. The operations were intensified as the City was threatened by Plague which started in Poona and in the towns in the neighbourhood of the City. About 110 rat catchers were engaged on this work. In addition to this staff, assistance of general labour staff was taken for carrying out rat-catching work systematically in different parts of the City. This work was carried out

adopting the following methods:—(1) Trapping, (2) Gassing, (3) Flooding rat holes with water and killing rats, (4) Baiting, (5) Killing rats during night-time especially in the localities where grain godowns, markets and stables are situated. The work of rat baiting in houses could not be carried out as efficiently as it ought to have been for want of co-operation from the public. Such operations are not allowed to be carried out in many of the premises even though complaints of rat nuisance poured in persistantly from them. With all the difficulties and hindrances experienced in the execution of the work, this branch pushed on its way and was able to catch 7,65,588 rats as against 6,84,194 in 1943 and 6,26,765 during 1942. It is gratifying to note that none of the rats caught and destroyed was found infected by the Haffkine Institute.

Baiting Ba Co. 3	Traps laid.	Cynogas Baby Duster.	No, of rats killed and found dead.	Taken alive.	Total:	Rats ex-amined.	Plague infected Rates.	Infected per 100
53,09,244	3,18,103	28	4,89,987	2,75,601	7,65,588	2,72,707	...	...

Dog Destruction.—The work of catching and destroying stray and ownerless dogs was carried out throughout the year. The following methods were adopteds for this work:—(1) American Buck Skin Gloves (2) Tongs in case of rabid and unmanageable dogs, (3) Specially prepared nets for catching dogs, (4) Strichnine poison in case of wild and furious dogs that escape all other methods.

Stray and ownerless dogs were caught and sent to the Lethal Chamber for further disposal daily.

In case of a rabid dog having bitten any person, intimation is required to be given to the nearest Police Station by the persons receiving the dog bite. Such a dog, after it is caught, is sent in the first instance to the Police Station and after the case is recorded, it is further sent to the Sakharbai Hospital by the Police for examination and disposal. When the dog is sent to Sakharbai Hospital under Police authority, no charges are preferred on account of examination fees, etc., but in case the dog is sent to the Haffkine Institute or Sakharbai Hospital directly, either by the owner or any Institution, charges for the examination are recovered from the sender.

Total number of dogs caught during the year 1944 was 7,634 out of which 6,648 were destroyed either by electrocution or by Co2 Gas.

Dog bite cases treated at Haffkine Institute for the last 5 years are given below. The cases attending the Institute show that the public are taking keener interest in guarding themselves from the ill effects of dog-bites. These cases include in a large number bites of pet dogs:—

1940	...	2,770.
1941	...	2,930.
1942	...	3,051.
1943	...	3,482.
1944	...	3,232.

This branch is taking all possible steps to eliminate and destroy as many stray and ownerless dogs as possible. Though during the year under report 7,634 dogs were caught and disposed of, the number of stray dogs does not seem to have been entirely controlled. Frequent raids were carried out in different localities and even after clearing the localities of stray dogs, some were still found at subsequent raids. Definite reasons for this cannot be assigned at this stage, but it appears that many dogs come from the suburbs daily and many stray bitches still escape catch owing to the fact that the people conceal such dogs at the time of raids. Continuous efforts are being made to catch such dogs as far as practicable. After sufficient observations of stray dogs coming to Bombay, due measures will have to be considered to prevent their entry.

Eleven cases of rabies were recorded in this office in the year 1944, against one in the year 1943. On full enquiries made, it is found that out of these, 7 were reported as cases of Hydrophobia by the Coroner. These cases were found and removed to the morgue by the Police (presumably after death) and in the death reports, in case of three prsons at least the residence has been mentioned as Malad, Thana District, etc. In one case the duration of residence in Bombay is stated as 8 days. Out of the remaining four, one was reported by the British Military Hospital, one was an imported case from Bandra treated at the K. E. M. Hospital and one was certified by the Haffkine Institute as a case of Hydrophobia, the patient being under treat ment at the Institute, the duration of residence in Bombay in this case being 15 days only. If all these cases are omitted, only one case at the most can be attributed to the city. Moreover from the reported deaths due to Hydrophobia, it can be sefely stated that rabies is not on the increase in the City.

Dog Licensing.—As the arrangements to eliminate stray dogs were not satisfactory, especially as they allowed the stray dogs to escape, the Bombay Municipal Act, was amended by Act No. 2 of 1943 which authorises the Municipal Commissioner to issue licenses to the dogs' owners for keeping dogs in the city on payment of the requisite tax.

The work of licensing dogs in the City of Bombay commenced with effect from 1st April 1944. The central office of this new section is situated on the first floor of the Sanitary Institute Building at Princess Street and is in charge of the Head Supervisor, Dog Licensing Establishment.

Before commencing the dog licensing work, a preliminary census of dogs was taken in January and February 1944 by the regular conservancy staff which gave a limited idea of the task before them. The notification calling upon the owners to take licenses for their dogs was published on 1-4-1944 and 15-4-1944 in five local news papers. The public response to the notification was satisfactory. In the first two months—April and May 1944—more than 6,000 dogs were licensed and further licensing work continued throughout the year.

For this work, the City was divided into two divisions under two Supervisors, one for the north and the other for the south having their offices at Mahalaxmi Siding and at Princess Street respectively. One J. O. for each ward was appointed besides the necessary office establishment. These officers carried on their duties very tactfully and efficiently without giving any cause for unpleasantness. Issue and service of notices were systematically carried out by them.

The catching of stray dogs from public places and destroying them was carried out by the Conservancy Supervisors as before. Supervisors, Dog Licensing Establishment, arranged and carried on 54 general and special raids with the help of conservancy staff and caught 2,654 dogs from the public and private premises under the provisions of the amended Municipal Act. Dogs caught, owned or otherwise were sent either to detention chamber or to the specially constructed Dog Kennels at Mahalaxmi Sidings. The dogs that were claimed within 3 days of the seizure were returned to the owners on payment of tax and feeding charges and the rest were either destroyed or disposed of by sale.

The work of destruction of dogs under the Police powers and the work of licensing dogs under the Municipal Act was carried on both by the Conservancy and Dog Licensing staff, respectively in a very satisfactory manner observing perfect co-operation between the two sections for their work.

The token system was very useful and was highly appreciated by the public as it made easy to get back the missing dogs. Licensed dogs that strayed away were sent by the public either to the Mahalaxmi Siding, to Police or to those who came in possession of the same for the time being ascertained the owner's name and address from the token number on the dog-collar from the dog licensing office and informed the owners immediately to take away their dogs.

In many cases the tokens were lost and the duplicates were issued from time to time. It was feared that the lost tokens may have been picked up by irresponsible persons and used them for fixing to the collars of stray dogs. With a view to detecting such mischief, if any, a keen watch was kept on the missing tokens by our staff. Circulars were issued from time to time informing the J. O.s of the ticket number in which cases duplicates were issued, with instructions to find out any foul use of such tokens on their rounds and, accordingly, four or five stray dogs having such tokens were caught and taken to lethal chamber. Though they were detained for three days, they were not claimed by any one. They had, therefore, to be destroyed. The accused concerned could not be detected and no action was therefore possible in these cases.

With a view to having a proper search of unlicensed dogs in order either to get them licensed or to destroy ownerless dogs and also to check the misuse of number tickets, a general house to house inspection was arranged with the help of conservancy J.O.s and Supervisors during the months of November and December 1944.

This had the desired effect. The owners in case of dogs detected unlicensed were made to take out licenses and the licensing work was carried out as accurately as possible.

Dog licensing fee was fixed by the Act at Rs. 5 per year.

Feeding charges of the dogs kept in the kennels were annas eight per dog per day. Feeding charges for dogs kept in detention chamber and claimed by the owner were annas four per dog per day.

Tokens were supplied to the dog owners free with the license but in case of loss, a duplicate one was issued on payment of Re. 1 per token.

Statement showing the work carried out by this office:—

	From April 1944 to December 1944.	From April 1944 to March 1945.
Number of notices issued...	9,547	10,053
Do. licenses issued	10,100	10,688
Do. dogs caught	6,426	8,126
Do. dogs released	778	916
Do. dogs supplied to Hospitals	93	123
Do. dogs sold	1	3
Do. dogs destroyed	5,513	7,037
Do. dogs detained on last day	41	47

Statement showing the income derived from different sources during the year, ending 31st March 1945.

	Rs.
Tax on dogs	52,979
Cost of Number Tickets replaced	996
Feeding charges	106
Sale of Dogs	30
Miscellaneous	131
Total Rs. ...	54,242

Dog Kennels were constructed departmentally at a cost of about Rs. 1,300 at the Infectious Diseases Hospital for bullocks at Mahalaxmi Sidings and brought into use from 1st April 1944. These Kennels are reserved for owners' dogs detected unlicensed and caught.

The detection chamber was got extended during the course of the year as the space originally provided was quite insufficient to keep a large number of dogs caught for 3 days.

In conclusion it can be stated that during the course of the 1st year of its working, this branch carried out its work very satisfactorily by licensing a large number of dogs and also checking the nuisance from stray and ownerless dogs in the City by catching and disposing of a larger number than that in the previous year.

Catching and Impounding Stray Cattles.—The catching and impounding stray cattles is mainly the work of the Police under Section 52 of the City of Bombay Police Act, but with a view to abating the nuisance of stray cattle, the Municipality has undertaken to carry out the same as far as possible. The work was carried out accordingly this year also. 532 raids were arranged for in different localities of the City as a result of which 2,067 heads of cattle were caught and sent to the Police Pound.

Removal of Dead Animals.—Dead animals both small and big, from the city are collected and removed by this branch and removal charges are recovered from the owners of the dead animals as fixed by the Corporation. The carcasses of dogs, cats and such other small animals are removed free of charges. In some cases, dead animals are taken by the owners direct to Mahalaxmi Sidings for which no fees are recovered. During the year under report, 2,411 big and 16,683 small dead animals were removed by this breach and they were handed over to the skinning contractor at Deonar. The removal charges recovered were Rs. 4,995.

Infecticus Diseases Ambulances and Hearses: This ambulance service is rendered free of charge within the limits of the city. The garage is situated at Arthur Road. There are four ambulances for removing patients suffering from infectious diseases to the Infectious Diseases Hospitals. These ambulances are kept in readiness at the garage throughout day and night. Patients sufferring from other diseases, lying either on the road side or in charitable institutions are also removed free in these ambulances. Patients discharged either from the Infecticus Diseases Hospital or from the Maratha Hospital are allowed free use of these ambulances for going back to their residences. This service is also made available for removing patients suffering from infectious diseases from or to places outside the limits of the City of Bombay on charge of annas twelve (0-12-0) per mile, deposit to cover up charges being obtained in advance.

There are two hearses for the removal of Christian and non-Christian dead bodies from the Hospital to their homes or to Cemeteries. There is also one dead body van attached to the K. E.M. Hospital for the same purpose. For the service of the dead body van or the hearse a charge of Rs. 5 is made for the first hour and Rs. 3 are recovered for every subsequent hour, exemption being allowed in deserving cases.

A free service of hearses is made available for the removal of Christian paupers to Cemeteries within the City limits on production to the officer-in-charge of Ambulance service at Arthur Road of a certificate from the Parish Priest.

The Hearses and the Van are also made available for the removal of dead bodies outside the limits of the City on the same lines as the infectious diseases ambulances.

In addition to the above, Maternity Ambulance service and Street Ambulance service are available to the public and are under the control of the Officer Commanding, Fire Services, Bombay. The former is made available for conveying patients from their homes to Maternity Homes or Hospitals free of charge, while the latter service with 5 ambulances is rendered free of charge in case of accidents occurring in streets and in factories in the City and on a charge of Rs. 5 for the first hour and Rs. 3 for each succeeding hour or fraction thereof for removing patients suffering from diseases other than infectious ones.

The work done by the Health Department Hearses and the infectious diseases ambulances during the year 1944 is given below:—

(1)	Number of Pauper Christian dead bodies removed by the Health Department Hearses	529
(2)	Number of non-Christian dead bodies removed	2
(3)	Number of patients removed by the Infectious Diseases Ambulances	9,188
(4)	Charges received for the services rendered by Hearses and Ambulances in the City and outside City limits	Rs. 13,964-12-0

Prevention of various types of nuisances.—The branch has to deal with various types of nuisances such as (1) throwing of refuse from the houses in the streets and gullies indiscriminately and at places not assigned, for the purpose (2) fouling the public roads by urinating and defecating in different parts of the city, (3) indiscriminate spitting. Every effort is made by this branch to watch and detect the offenders who are prosecuted under Section 372(*e*) of the Bombay Municipal Act for committing nuisances by throwing of refuse and excrementitious matter and under Section 124 of the Bombay Police Act for committing nuisance of urinating. For the convenience of the general public when they are out from their homes, facilities are provided to deposit waste paper and such other light refuse, etc. 272 waste paper bins and 51 sputum bins are provided on the treets. They are fixed to the tramway and gas light poles and are attended by scavengering staff daily while on work. Propaganda has also been carried out by the Propaganda Officer to educate the public in this direction. This branch is assisting the Propaganda Officer in carrying out the publicity activities by sparing staff and materials to arrange exhibitions from place to place and to carry out all publicitiy measures as far as practicable.

The places fouled are cleaned and disinfected as promptly as possible.

The following Table shows the number of prosecutions launched by the Nuisance Jamadars and fines inflicted on the offenders:—

No. of cases under Section 372(*e*) of the Bombay Municipal Act.	No. of cases under Section 124 of the B. C. Police Act.	Fines under Section 372 (*e*).	Withdrawals and Acquittals.	Fines under Section 124 of B. C. Police Act.	Withdrawals and Acquittals.
		Rs. a. p.		Rs. a. p.	
1,148	2,966	526 12 0	161	1,918 0 0	201

Pigeon Nuisance.—At a number of places in the City, pigeons are fed by charitably disposed people In some cases, pigeons are a source of nuisance and annoyance to the surrounding localities. As in the previous year, efforts were made by this branch to minimise the nuisance to some extent by sweeping and cleaning the places where grains are thrown for their feeding.. Though the nuisance in this direction could not be removed entirely on account of the public sentiments, some of the places affected by this nuisance are found free from nuisance as a result of the measures taken. No additional places for feeding pigeons cropped up during the course of the year.

Monkey Nuisance.—As reported in the previous year, monkey nuisance though less intensive, reappeared this year also in the Dadar-Matunga area. The work of catching monkeys was entrusted to Messrs. Ismailkhan and Mohamed Haniff Gazdar Sahib Jamadar Sheikh of Miraj. 53 monkeys were caught by the party and released in the forest near Tansa Lake. They were paid Rs. 12 per monkey caught. This branch was also successful in catching 19 monkeys in traps specially constructed for the purpose from different localities of the City.

Nuisance from Cats.—On receipt of complaints about the nuisance from stray cats, traps were supplied to the complainants and 99 such cats caught were disposed of in a suitable manner possible.

Complaints of Bad Smell.—These complaints are mainly due to the temporary defects in the drain and were promptly attended to. Immediate relief was also given to the public in cases of temporary chokes in nahani traps, soil pans, etc., as far as practicable by our staff pending action taken against the owners to attend to the same.

The Conservancy Branch has been doing its work as efficiently as possible with a view to removing the nuisances as quickly as practicable. The work of this branch would be less heavy, less costly and would stand to perfect efficiency if the public were to give up the habits of throwing refuse indiscriminately in the public streets and roads around their residences. In spite of the measures taken by this branch to keep the City clean, the places are found littered with the refuse immediately after they are cleansed. This results in not only rendering the surroundings insanitary, but tends to increase the nuisances of various descriptions. Such habits also invite the danger of various diseases. In this connection propaganda measures on cleanliness have been started by the Municipality and it is hoped that the public will realise their civic responsibility and wil help the department to keep the City clean in keeping with its name and beauty.

It will not be out of place to mention about the work done by this branch immediately after the explosion that took place in dock areas on 14th April 1944.

After the explosion, the labour staff with the Supervisors and J. O.s were summoned after they had done their legitimate work in the evening to dig trenches at Haines Road cemetery for the burial of the dead bodies of the victims of the explosion. The required number of trenches were dug by the staff by working day and night in the Cemetery. Some staff were engaged for removing the dead bodies from the Morgue to the Cemetery. Others were daily engaged in the Docks and the neighbouring areas to take possession of the Corpses that were extricated from the debris and recovered from the sea. The Officer and the staff employed in this work, having some knowledge of A.R.P. work, willingly took up the job. They did the work in time and out of time ungrudgingly and helped the department in its work in the time of emergency.

They were remunerated for the extra work and their services recorded by the Corporation—*vide* Resolution No. S.C.R. No. 504 of 13-7-1944.

Veterinary Services.—This section is in charge of the Senior Veterinary Inspector who is for administrative purposes under the control of the Head Supervisor. The other officers of the branch are three Junior Veterinary Inspectors and 9 Veterinary Assistants. There are two hospitals for animals, one a general hospital for the treatment of sick municipal bullocks at Kamathipura and the other an infectious diseases hospital at Mahalaxmi for the admission and treatment of animals suffering from infectious diseases, removed from all parts of the City. These hospitals are managed by the Senior Veterinary Inspector with the help of one Veterinary Assistant. The work done at the Bullock Hospital and the Infectious Diseases Hospital is shown below:—

Bullock Hospital.			Infectious Diseases Hospital.			
Cases treated.	Cases discharged.	Died.	Cases treated.	Cases discharged.	Died.	Charges for feeding animals.
334	267	67	98	66	32	Rs. 928

The Junior Veterinary Inspectors inspect the bullocks in the Health Department stables and check the work of veterinary Assistants. They also pay visits to the stables in the City for the detection and prevention of infectious diseases among the cattle.

Each Veterinary Assistant looks after the bullocks of the stable in the conservancy Branch and one of them is posted at the Bullcok Hospital. These Veterinary Assistants are responsible for the care and treatment of all bullocks in the Municipal stables including their washing and feeding, etc. They have to inspect the ration of the bullocks and keep a proper record of the same. They have also to take care of sick bullocks and give them proper treatment.

Co-operative Credit Societies.—For the benefit of the labour staff, Co-operative Credit Societies are conducted in every Ward. A statement showing the number of members, Share Capital, Reserve Fund, etc., of the different societies as it stood on 30-6-1944 is given below:—

Serial No.	Name of the Society.	No. of members.	Share capital subscribed. Rs.	a.	p.	Amount of loan granted. Rs.	a.	p.	Amount of loan recovered. Rs.	a.	p.	Reserve Fund. Rs.	a.	p.	Class.
1	A Ward Marathi Bigari Co-operative Credit Society, Ltd.	412	38,633	2	0	62,712	0	0	62,899	0	0	4,272	9	7	A
2	A Ward Gujarati Scavenger & Halalkhore Co-operative Credit Society, Ltd. ...	146	12,968	8	0	21,893	0	0	21,488	0	0	1,487	12	0	A
3	B Ward Conservancy Employees' Co-operative Credit Society Ltd. ...	459	31,679	0	0	53,806	6	0	48,439	15	0	2,702	8	0	A
4	C Ward Marathi Bigari Co-operative Credit Society, Ltd. ...	255	19,595	15	0	22,942	0	0	21,409	8	0	1,752	5	0	A
5	C Ward Gujarati Scavenger & Halalkhore Co-operative Credit Society, Ltd. ...	222	13,740	10	0	17,573	8	0	17,718	1	0	1,417	6	0	A
6	D Ward Marathi Bigari Co-operative Credit Society, Ltd.	272	18,988	12	0	31,956	0	0	29,363	0	0	1,819	1	0	A
7	D Ward Gujarati Scavenger & Halalkhore Co-operative Credit Society, Lfd. ...	225	14,946	9	0	24,674	0	0	22,919	8	0	1,506	12	3	A
8	E Ward West Conservancy Labour Employees' Co-operative Credit Society, Ltd.	183	4,560	0	0	13,995	0	0	10,303	0	0	95	0	0	A
9	E Ward East Conservancy Labour Employees' Co-operative Credit Society, Ltd.	277	11,995	7	0	23,411	9	0	20,034	9	0	651	9	0	A
10	F Ward Conservancy Labour Employees' Co-operative Credit Society, Ltd. ...	506	24,829	8	0	57,622	0	0	56,486	0	0	1,371	6	6	A
11	G Ward South Conservancy Labour Employees Co-operative Credit Society Ltd.	363	20,069	10	0	51,747	5	0	48,958	7	0	1,575	4	0	A
12	G Ward North Conservancy Labour Employees' Co-operative Credit Society Ltd.	299	9,217	13	0	39,606	0	0	33,977	0	0	330	8	0	A

SCHOOL HEALTH WORK.

The routine plan and rationale of the care of the school child should consist of—

(1) Providing satisfactory and sanitary surroundings to the school child while at school,

(2) Medical Inspection 3 times in the primary career—at entrance, in the 2nd standard and at the termination in 4th standard with a view to finding out physical defects,

(3) Correction of defects after they have been discovered,
(4) Protecting the child against communicable diseases, and
(5) Preventing development of new defects or removal of old ones by inculcating proper habits of living through health education.

School Sanitation.—The majority of the schools are located in hired buildings which are, except in a few cases, far from satisfactory from the sanitary point of view. The situation is not quite congenial to the development of the child. Schools on the lines of the Dongri or Byculla school will have to be built throughout the City and a beginning must be made by reserving plots for such purpose in those areas where there are open plots and constructing schools on modern lines thereon.

Insanitary conditions or defects in case of 66 schools were referred by the Medical Inspection staff to the authorities concerned.

The present staff at the disposal of the medical inspection branch is not adequate to arrange for three inspections of the child during its primary school career. Attempts are made to give the benefit of two inspections at least and the following children are examined every year:—

(1) New entrants to the infant class,

(2) Children detained in the infant class who could not be examined in the previous year, as they were absent or were not in the school at the time of examination,

(3) Children in the 3rd standard.

The total number of schools visited was 256, out of which 146 were boys schools and 110 were girls schools. The total number of chidlren examined was 20,557, out of whom 12,354 were boys and 8,203 were girls (including first and subsequent examinations).

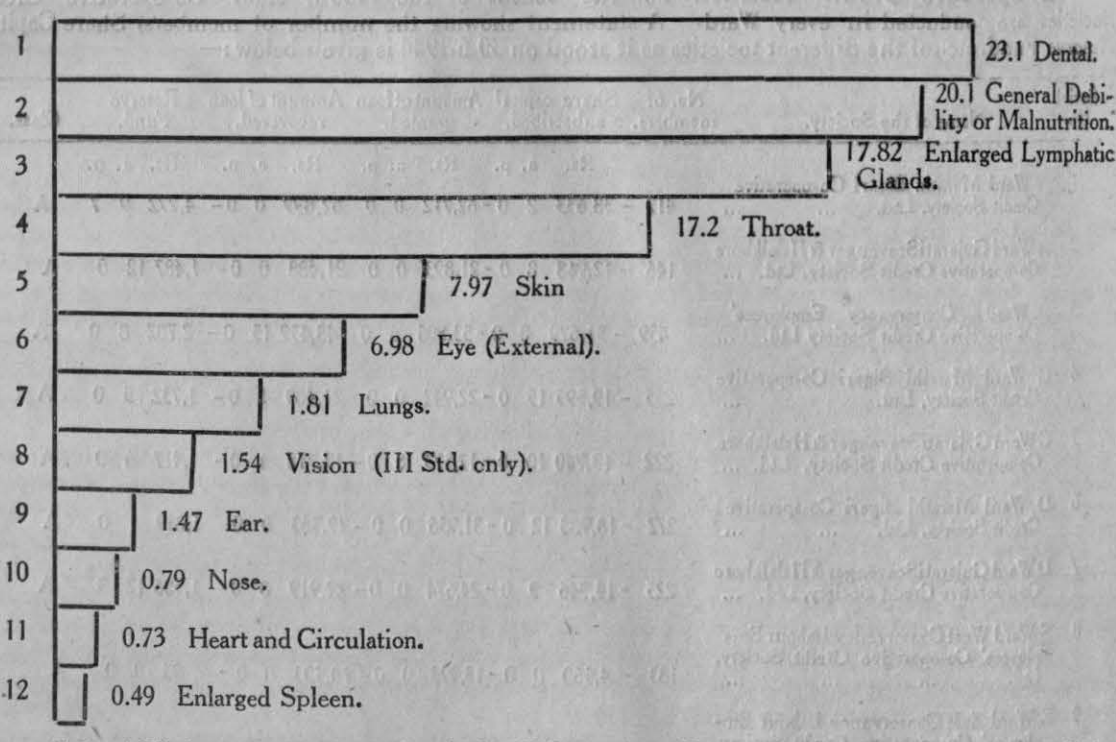
Intimations in 15,225 cases were sent to the parents and guardians of school children about defects detected at medical inspection and out of 11,496 replies received, 8,797 expressed their consents to treatment being given under our care at the clinic.

212 parents and guardians were interviewed in schools and the office, with a view to persuading and advising them to get their children treated either at Municipal dispensaries or at the school clinic or through their family physician.

Defect found.—Among 20,557 children examined, 15,255 children were found suffering from one or more defects.

The following are the percentages of common defects to the total number of defects detected (Total figure 30,353).

DEFECTS.



School Clinic at the K. E. M. Hospital.—Children found by the Medical Inspectors to be suffering from major defects were taken by the School Clinic Organiser and the Assistant School Clinic Organiser to the fully equipped school clinic at the K. E. M. Hosipital, Parel, in motor buses from their respective schools after the teachers had obtained the consents of their parents. The number of new children so treated during the year was 1,291 in addition to 7,057 old cases totalling 9,348 cases in all. A large number of children remained without treatment, as our only central clinic is not adequate enough to cope with the heavy demand. The clinic at the K. E. M. Hospital needs to be expanded to enable more children being treated and the provision of additional clinics on the lines of the one at K. E. M. Hospital requires to be made in other parts of the City preferably at the hospitals, such as Sir J. J. Hospital, G. T. Hospital or the Bai Yamunabai L. Nair Hospital.

In addition to the work at the central clinic at K. E. M. Hospital, further work in connection with correction of defects done was as follows:—

(1) 76 spectacles were supplied to poor and deserving children, free of charge, (2) 442 schools were supplied with emergency outfits, (3) 338 children found un-vaccinated were directed to the Central Vaccination Department, (4) 18 children suspected to be suffering from Leprosy were directed to the Superintendent of Acworth Leper Home. One of them who was infectious was debarred from attending any municipal school, while 17 have been kept under observation, (5) 318 children were directed to municipal dispensaries near their homes, but of them 129 attended the dispensaries, (6) 1,197 children suffering from minor defects like scabies, impetigo etc., were treated in their respective schools with the consents of their parents under supervision of their class teachers, and (7) 346 children

The staff is inadequate even for two inspections. On the girls' side some relief was given in the latter part of the year by appointing an additional Medical Inspectress and a peon. But this is not adequate. Not only does the medical personnel require to be augmented, but the same requires to be supplemented by the addition of a Health Visitor for every Inspecor, which is essential from the Public Health point of view.

Health Education.—160 talks on difierent subjects of health were given by the inspectorate in schools as against 140 in the previous year.

Free Milk Ration.—Milk ration scheme for the benefit of under-nourished children was put into operation from 17th August 1944, in A and B Wards, from 24th August 1944 in C, D and E Wards and from 26th October 1944, in F and G Wards.

For distribution of milk, 65 out of 77 centres were selected in A to G Wards. Children certified to be suffering from Malnutrition and whose parents had consented to pasteurised milk being given to their children were supplied cards showing the names of centres to which their children should go for their milk ration. They were given 6 ozs. of milk on production of their ration cards at the centres allotted to them. 4,109 children received free milk ration daily, excepting Sundays and Holidays.

In order to ensure a better co-ordination between the parents, school teachers and health authorities in the matter of the health of children and to awaken the sense of sanitary consciousness to the healthy growth of school children, a Health Day is celebrated every year under the auspieces of the Public Health Department. Accordingly, this day was celebrated during the year, under the presidentship of Mr. M. D. Bhat, M.A., I.C.S. the then Municipal Commissioner, when the following people were requested to address the meeting :—

(1) Dr. Yodh, (2) Mrs. Shuffi Tyabji, (3) Mr. N. C. Pupala.

SOCIAL WELFARE WORK.

Social Welfare work among the labour classes at eleven centres (including one for K. E. M. Hospital staff, one for the staff of the Mechanical Engineer's Department and one for the staff of the Conservancy Department at Chembur) was conducted by the Special Branch organised for the purpose uder the Public Health Department. The centre at Chembur started work in November 1944. Social work among the labour staff was also carried on by three private agencies, *viz.*, Bhagini Samaj (Centre at Bellasis Road), the Hindu Sevak Samaj (centre at Valpakhadi) and the Municipal Scouts Local Association (Centre at Kasarwadi) who receive grant-in-aid from the Corporation for the purpose.

The programme of welfare work carried on by the Welfare Branch at the eleven centres consisted of :—

(1) Recreational Activities, (2) Educational Activities, (3) Health Work and (4) Labour Officer's Work. (5) Training in Mother Craft.

(1) Recreational Activities.—The games played included Carrom, Draughts, Ludo, "Chaupat", Snakes and Ladders; Hu-tu-tu, Kho-kho, Atyapatya, Langadi, Volley ball, Foot-ball, Deck tennis Lezim, Pole-drill and several other English and Indian group games. Akhada activities included Wrestling, Malkhamb, Lathi, lezim, pole-drill, etc., Gymnastic exercises like Free hand drill, Wand drill, Dumb-bells, Pyramids, Boxing, etc., were also regularly conducted.

Inter centre matches and tournaments were arranged. These matches provided an extraordinary incentive to regular attendance and raised the standard of the play.

Men, women and children from each centre were at intervals taken out of Bombay for picnics and they were also taken to see educational and social films.

The Bhajan mandalis provided social gatherings for adults who took a very keen interest in them and these occasions were utilised for giving various social discourses. Music and dramatic clubs were organised where people were allowed to give free expression to their artistic talents and cultivate their inborn capacity for aesthatic enjoyment. Music was taught on harmonium and tablas; gramophone records were played in the chawls and short dialogues and dramas were also taught and performed. Folk songs and folk dance like Garba, Ras-dandya, Kathiawadi Doha, Tipris, etc., were also regular features of these clubs.

These recreational activities provided ample opportunities to our employees and their children to make the best use of their leisure time. The indoor games' rooms and out-door play-grounds at the ten centres were taken advantage of by over two thousand adults and children daily.

(2) Educational Activities.—At every centre, literacy classes for both men and women were conducted. Lessons were accompanied by cultural instruction in the form of lectures with the help of lantern slides, maps, charts and pictures, story-telling, reading of interesting passages from books and magazines, in order to open their minds by means of useful and interesting information.

Classes were run for those who wished to learn English. Coaching was given to those school-going children who were in need of it; facilities for study in the centre rooms were given to high school pupils as they had so little privacy in their own homes.

Talks and lantern-slide lectures were arranged on current topics and social subjects of immediate interest to the employees, such as on elementary history, geography, cleanliness and decent living, domestic-economy, maternity and child-welfare, balanced diets, first aid, safety first, etc. Debates were organised once a week at all the centres. The adults showed keen interest in the subjects discussed and participated in the discussions in great numbers. Some of the centres issued their own magazines to which articles, stories and plays were contributed by educated boys and men.

For women, classes in sewing, embroidery, literacy and elementary home-nursing were conducted; training was also given in the art of home-making and in the various duties of wives and mothers with satisfactory results.

There are five hundred boy scouts and two hundred girl guides attached to the Hindustan Scout Association. Boys were occasionally sent out for camping. Children and adults were taken to exhibitions held in the City.

(3) Health Work.—Home visiting was an important item of the programme of activities. Chawls were visited regularly by the part-time workers who discussed with the occupants, family problems in a friendly manner and through these means people were persuaded to change their unhygienic habits and to realise the importance of cleanliness and sanitary living.

Lectures were delivered on personal hygiene, the care of eyes, nose, lungs and other organs. These lectures were illustrated by slides, posters, bulletins and films on housing conditions, flies, tuberculosis, venereal diseases, etc.

Children were made to wash their hands, face, feet and comb their hair in the centres. Competitions were held for the cleanest and best kept rooms and prizes were given to encourage cleanliness.

Every month a cleanliness campaign was held when the boys swept the chawls and kept their surroundings and home clean. In times of illness, people were directed to dispensaries and hospitals.

Every centre was equipped with medical appliances such as hot water bags, ice bags, thermometers, bed pans, iodine, etc., which were supplied whenever people needed them.

Women were taught to prepare balanced diets very cheaply. They were persuaded to take advantage of the maternity hospitals and women with large families were taken to birth control clinics at their request.

(L) Labour Officer's Work.—Legitimate grievances of the employees regarding their housing, recruitment, leave, conditions of work, etc., were looked into and brought to the notice of their officers and were wherever possible redressed by them.

A new centre was opened this year at Chembur for the labour staff staying in Labour Camp. Mr. M. D. Bhat, I.C.S., performed the opening ceremony on 10-11-1944. There was a large gathering of chawl people; present on the occasion.

A variety entertainment programme was held at Sunderbai Hall in the month of November, which was attended by about 800 people from all the chawls, when Mr. M. D. Bhat, I.C.S. presided and Mrs. Bhat Pistributed the prizes to those who participated in the programme. Some of the interesting items on the programme were garbas, folk-dances, scout-items, Ras-dandia, dramatic pieces, dialogues, etc.

The Sixth Annual Sports were held at St. Zavier's College Gymkhana, Parel on 28-2-1944, when His Worship the Mayor of Bombay, Mr. M. R. Masani, presided. Some of the interesting items on the programme were flat-race, lemon and spoon race, balloon-race and potato-picking race for girls thread-and-needle-race, musical-chairs and market-race for women , sack-race, banana eating and frog race for boys, three-legged race slow-cycling race, 100 yards flat-race for men, eating and drinking race for centre boys, lighting of candle and walking race for lady teachers, flat-race for male teachers. Palton Road Welfare centre carried away the championship Trophey.

A new item was added to the programme of welfare work. Lectures on mother-craft were given by 2 Health Visitors, under the instructions of the Health Officer at Agripada and Umerkhadi cerntres About seventy women attended these lectures and fifty of them passed the examination on the completion. of their course. The certificates were distributed by Mrs. Bhat to the successful candidates.

FOOD SANITATION.

Milk.—The daily consumption of milk in the City is approximately 4,57,000 lbs. of which 2,30,560 lbs. are produced in the City stables and 2,22,240 lbs. are imported from outside. On an average, it may be stated that an individual may be able to get about 3 ozs. of milk per day and this can hardly be considered as a satisfactory state of affairs as regards the milk supply. Owing to insufficient supply, adulteration is rampant and the price of milk has also become prohibitive for the poor. This may be partly due to increased prices of grain, hay, etc., and partly to want of a sufficient number of cattle to replace dry cattle. Production of sufficient milk locally without serious detriment to public health is not possible. The solution of the problem, therefore, does not appear possible without the active co-operation of Government by facilitating the establishment of well planned Dairies in the suburbs.

It is also necessary to make arrangements for a sufficient number of wagons for importation of the required number of cattle.

Since the year 1920, various schemes for the improvement of the City's milk supply have been under the consideration of the Corporation. For various reasons, however, these schemes have not materialised.

During the year 4,939 hawkers importing milk by train were inspected. 861 were found to have no licence and 208 were carrying milk in open cans without covers. The number found with grass rings in the milk vessels was 182.

As the milk supply to the City was inadequate, Government took up the question of making milk available to children under two years in the first place and requested the Municipality to put up a scheme for the supply of milk to children under two years, on the strength of ration cards issued by the Controller of Rationing. A scheme was accordingly drawn up. Under this scheme, every child was to get ¼ seer of milk daily at the rate of annas six per seer. The scheme came into force in August 1944 and as it proved a success, the arrangement was extended to children upto 10 years of age and to the expectant and nursing mothers. As some difficulty was experienced in getting the increased supply, from day to day, Government prohibited the use of whole milk in hotels and restaurants and the milk thus relieved has been diverted towards the milk scheme. The quota of milk has also been increased to ½ seer per card-holder in the beginning ofthe year 1945, but has not been possible to maintain this quota so far. The degree to which the extended milk scheme will be succesful will depend primarily on the amount of good milk made available. This would necessarily involve replacement of dry cattle by milch ones on a regular programme to meet which arrangements for importing buffaloes and for their transport have to be made.

Prosecutions were instituted in 152 cases of hawkers found selling milk in the streets without a licence. Details with regard to the adulteration of milk will be found in the report of the Municipal Analyst.

The total number of prosecutions for the sale of milk by unlicensed persons and for breaches of the licence regulations was 79 as against 110 in 1943.

Unwholesome Food.—The following list shows the articles of unwholesome food seized and destroyed under Sections 415 and 416 of the Municipal Act :—

Fruits (Fresh)	...	8,689 Nos.	Goor	...	8½ Lbs.
,, (Dry)	...	2,1290 Lbs.	Flesh Beef	...	4500 Lbs.
Tins of preserved fruits		6 Nos.	Curds	...	350 Lbs.
Potatoes	...	191 Lbs.	Garlic	...	5½ Lbs.
Onions	...	12 Lbs.	Cocoa	...	102 Lbs.
Vegetables	...	58 Lbs.	Condensed Milk	...	5 Tins.
Indian Sweetmeats		86 Lbs.	Grains	...	19 Bags.
Cheese	...	16 Lbs.	Chillies	...	115 Bags.
Biscuits	...	4½ Lbs.			

Statutory Notices.—The following list gives the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year:—

NOTICES UNDER THE MUNICIPAL ACT IN 1944.

		Number of Notices issued under various sections of the Municipal Act.
Total number of Notices issued	...	16,120
Number complied with	...	8,966
Number not complied with	...	5,090
Number pending (disputed or not served)	...	1,912
Number cancelled	...	152
Number of Notices in 1943	...	11,392

STATEMENT SHOWING THE NUMBER OF COURT CASES FILED UNDER DIFFERENT SECTIONS AND THE CASES OUTSTANDING ON 1ST JANUARY 1945.

1	2	3	4	5	6
Sections under which prosecutions were instituted.	Number of cases outstanding on 1st January 1944.	Number of cases filed in the year 1944.	Total of columns Nos. 2 and 3.	Number of cases disposed of.	Number of cases outstanding on 1st January 1945.
248 ...	10	...	10	...	10
249 ...	1	12	13	5	8
250 ...	...	...	...	...	...
251 ...	...	9	9	9	...
257 ...	61	483	544	457	87
257, 375, 372 ...	49	529	578	488	90
258 ...	...	8	8	2	6
274 ...	1	11	12	11	1
316 ...	...	20	20	20	...
367, 368 ...	9	214	223	187	36
372 ...	67	1,164	1,231	1,094	137
375 ...	29	214	243	201	42
375A ...	8	98	106	90	16
377 ...	13	34	47	41	6
378 ...	1	27	28	13	15
379 ...	...	...	...	...	...
380 ...	84	92	176	114	62
381 ...	14	82	96	80	16
381A ...	...	9	9	8	1
382 ...	...	...	...	...	...
384 ...	6	95	101	72	29
384A ...	...	3	3	3	...
385 ...	...	...	...	...	...
390 ...	19	108	127	115	12
391 ...	...	2	2	2	...
394 ...	100	933	1,033	944	89
397 ...	...	...	...	...	...
412A ...	156	330	486	259	227
417B ...	...	...	...	...	...
424 ...	...	1	1	1	...
461F ...	...	12	12	12	...
472 ...	5	4	9	5	4
Total ...	633	4,494	5,127	4,233	894
Bombay Prevention of Adulteration Act ...	864	32,26	4,090	2,874	1,216

The total amount of fines inflicted during the year on account of these cases was Rs. 1,00,049-5-0.

SANITARY CONDITION OF THE CITY.

The principal causes contributing towards the insanitary condition in some parts of the City are the insufficiency of sewers, continuance of the basket privy system, density of houses and persons per acre and the difficulties in the way of rendering conservancy service, both as regards removal and disposal of refuse. With a view to accelerating the conversion of all the remaining basket privies into water-closets in the unsewered area, a subsidy is being given to the house owners since December 1939. During the year no basket privies were converted into water closets. Owing to war conditions further action has been suspended for the present as the cost of materials has risen considerably.

Water Supply.—With the completion of the Tansa pipe line, the City is now provided with a fairly adequate supply of water from the Tansa Lake. The whole supply is chlorinated throughout the year. No provision of any kind is made for filtration. The supply of filtered water to the City would no doubt be very costly initially and in maintenance, but the first City in India should expect a supply of more wholesome, safer water as would be obtained by filtration. The Corporation will have to take up this question seriously. The need of filtration is felt more acutely when the supply becomes muddy due to heavy rains and remains so for a few days.

Drainage.—The work of providing sewerage in the North of the Island which was in progress during 1942 is still incomplete.

HOUSING.

Insanitary Dwellings.—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 50 Medical Assistants and 17 Medical Inspectors is required to devote not less than one afternoon a week to the inspection of houses in streets or areas definitely allotted for the purpose by the Assistant Health Officer. The scheme aims

at the inspection of not less than 5 houses per week by each member of the inspectorial staff or 17,500 houses in all in the year. Were inspections the single object in view, this number could be doubled or trebled. Since, however, the primary inspections are only a first step in securing the elimination of the sanitary defects discovered, their number is strictly limited to the number of secondary visits which the enforcement of the requirements of the Department entails.

During the year, 9 insanitary dwellings were evacuated and 1,007 huts were demolished and 33 rooms were improved.

Sanitary Inspection.—In Table 16(Appendix) will be found a summary of the inspections (1,53,546) made by the Medical Inspectors and Medical Assistants during the year and of the sanitary works (15,158) carried out in response to the actions initiated by them.

Scheme for Clearance of Slum Areas in the City.—There are still many slum areas in the City which require prompt and immediate attention for their improvement.

Milch Cattle Stables.—The insanitary conditions caused by the existence of milch cattle stables in the heart of the City have been explained in the Report of 1939 and it is desirable that a suitable scheme for removing these stables from the City should be undertaken as early as possible.

POOR BOX CHARITY COLLECTION.

Statement of Receipts and Disbursements upto 31st March 1945.

Ward.	Balance on 1-4-1944.	Credits during 1944-45.	Total Receipts.	Debit.	Outstanding Balance on 31-3-1945.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A and B ...	... 3,186 3 9	948 3 9	4,134 7 6	127 14 0	4,006 9 6
C and D ...	... 2,404 6 9	923 14 3	3,328 5 0	264 1 0	3,064 4 0
E	... 5,973 12 11	2,517 0 3	8,490 13 2	97 8 0	8,393 5 2
F and G ...	... 5,460 10 9	1,810 10 9	7,271 5 6	314 0 0	6,957 5 6
Total	... 17,025 2 2	6,199 13 0	23,224 15 2	803 7 0	22,421 8 2

Note.—The above figures are exclusive of adjusting entries yet to be booked in the accounts for 1944-45 through journal entry.

VISITORS.

A number of representatives of the outside institutions, associations, etc., came to Bombay to see *inter alia* the work done by this Department. Some of the distinguished guests were—

(1) Members of the Health Survey and Development Committee (Government of India).
(2) Expert from Russia who came to India with the Health Survey and Development Committee.
(3) Representatives of the Rockfeller Foundation.
(4) His Worship the Mayor, the Health Officer and the City Engineer of the Calcutta Corporation.
(5) The delegation of the foreign Medical experts to discuss various Health problems with the Health Survey and Development Committee.
(6) Brigadier Covell-Director, Malaria Institute.
(7) Professor of Public Health Engineering, All India Institute of Hygiene and Public Health.
(8) Chief Sanitary Engineer of Ministry of Health, Government of China.
(9) Assistant to the Municipal Commissimner, Indore and President, Medical Committee.
(10) Deputation from Gwalior composed of the Director of Public Instruction, and Medical Officer in charge of Malaria work, etc.

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL OFFICES,
BOMBAY, 15th June 1945.

B. C. DASGUPTA,
B.SC., M.B., M.R.C.P., D.T.M.& H., D.P.H.,
Executive Health Officer.

REPORT OF THE CITY FEVER HOSPITALS, ARTHUR ROAD, BOMBAY FOR THE YEAR 1944.

The Infectious Diseases Hospitals at Arthur Road are primarily meant for the isolation and treatment of cases of dangerous diseases such as Plague, Cholera, Small-pox, Scarlet Fever, Yellow Fever, Diphtheria, Typhus, Influenzal Pneumonia and Cerebro-spinal Fever and though these Hospitals have been thrown open to other diseases such as Enteric Fever, Chicken-pox, Measles, etc., for want of sufficient accommodation and adequate staff, admission for such cases is restricted by public notification when one or more dangerous diseases referred to above are prevailing on a large scale in the City. Accordingly, as in the year under review, cases of Small-pox were admitted into the Hospitals in large numbers, especially on account of the action taken by the sanitary staff of the Public Health Department to remove all focii of infection from the City by intensive combing operations in the areas from which such cases were reported, restrictions were placed on the admission of cases of less dangerous diseases in the Hospital. The average number of patients treated during the year was 272 per day while the highest number of patients remaining on one single day was 826 on 27th February 1944. This was the highest number remaining in the Hospitals on any one day in any previous year.

The permanent medical and nursing staff of the Hospitals consisted of the Medical Superintendent, 2 Medical Assistants, 2 Sisters, 4 Nurses and 3 probationers and 1 Compounder. On account of increase in the number of patients to be attended to, additional staff had to be engaged to cope with the increased work at the Casualty Department as well as in the Wards. The maximum staff was maintained in the month of April which comprised in addition to the permament staff mentioned above of 12 Medical Assistant, 5 Sisters, 28 Nurses, 12 First Aiders in place of non-available nurses 4 clerks, 2 Telephone Clerks, 2 Compounders, 50 Ward attendants, 53 Sweepers, 8 Hamals, 11 Dhobies, 11 Cooks, 5 Ambulance bearers, 1 Tailor, 1 Laboratory boy and 3 Watchmen (for guarding the medicine stores).

Owing to non-availability of the nursing staff due to war conditions, it was not possible to engage the full quota of the various staff required for the treatment of patients and the available staff with the aid of qualified staff that could be engaged for the time had to carry out the increased work under great stress and strain. The ever increasing number of patients under treatment shows the necessity of providing permanent staff adequate for regular treatment of patients upto 200 and providing quarters for the same upto the strength of at least 500 patients. The Re-organisation Scheme for providing the minimum necessary staff for the treatment of patients upto 150 was finally sanctioned by the Municipal Corporation under their Resolution No. 732, dated the 16th November 1944 which has now made it possible to bring the temporary staff upto 150 patients on permanent establishments. However, it may be observed that the Re-Organisation Scheme was proposed 4 years ago since when, owing to war conditions, etc., a great deal of difficulty is experienced in obtaining the properly qualified and experienced staff on the salaries offered under Re-organisation Scheme and as the character of hospital has undergone a great deal of change since then, it would be necessary to make early modifications and adjustments in the staff to meet the present growing needs of the Hospital.

As it was possible to get one additional probationer during the Small-pox epidemic from the K. E. M. Hospital, 4 Nurses continued to be sent to this Hospital for training for 2 months from that Hospital.

ACCOMMODATION.

The accommodation for patients at present consists of—

Small-pox Unit.—

Ward Nos. 1, 2, 3 with 19 beds each	...	57	In a dilapidated condition.
Ward Nos. 4, 5, 6 with 25 do.	...	75	
Ward No. 7 with 14 do.	...	14	Improvised as lecture Hall.
		146	
Ward No. 8 with 14 beds ...	...	14 beds.	
Ward Nos. 14 & 16 with 36 beds each	...	72	
Semi-permanent wards constructed during the Small-pox epidemic in 1944 for accommodation of 50 beds each	...	100	
Total available accommodation	...	186 beds.	

General Unit.

Ward Nos. 9, 10, 11 & 12, with 14 beds each..		56 beds.
Ward Nos. 13 and 15 with 36 beds each	...	72 beds.
Total accommodation for non-smallpox diseases.		128 beds.
Grand Total	...	314 beds.

EXTENSION OF THE HOSPITAL AND RE-CONSTRUCTION OF OLD WARDS.

Proposals for reconstruction of the old dilapidated wards in the Small-pox Unit, though provisionally sanctioned by the Municipal Commissioner in the seven year's Loan Works Programme, could not be provided finally in the Budget Estimates by the Municipal Corporation owing to war situation. A great difficulty was experienced in accommodating 826 patients on one day in these Hospitals and practically the whole Hospital was turned into a Small-pox Hospital for a few months. It was thought absolutely necessary in the interest of Public Health to make some temporary arrangements immediately and to provide additional accommodation for Small-pox cases. Two wards expected to last for at least 10 years were, therefore, constructed as per Corporation Resolution No. 1152, dated the 28th February 1944.

Shortage of living accommodation is very acutlely felt by the Medical Nursing and other staff of the Hospital who have to be accommodated every year in wards as well as in the rooms and verandahs of the old

Nurses' Quarters and occasionally in the Matron's Office for some period of the year when additional temporary staff has to be taken to cope with the increased epidemic work.

The work of extension of Nurses' Quarters was taken in hand during the course of the year and at present it is in progress. When these quarters will be ready it will be possible to accommodate 17 nurses only. Extension of quarters will be necessary to provide accommodation for about 25 to 30 nurses, 12 Medical Assistants, 150 members of menial staff and 6 members of office and dispensary staff.

The work of extension of the present dispensary is in progress and is likely to be completed shortly.

As the necessity of additional beds for patients as well as providing accommodation for the different staff working at this hospital and also of carrying out other improvements in various departments at the hospital has been fully realised, the Municipal Corporation has been pleased, on the recommendation of the Municipal Commissioner, to provide a sum of Rs. 5,00,000 in the next year Budget Estimates as a first step in the Post-War Planning.

S. G. VENGSARKAR,
M.D., F.C.P.S.,
Medical Superintendent,
Arthur Road Hospital.

SMALL-POX.

Small-pox occurs in Bombay and sporadic cases of this dangerous disease with seasonal exacerbation are from time to time admitted. The disease assumed epidemic proportions in the first quarter of the year.

The admission of the Small-pox cases was in larger numbers this year than that in any of the previous years. The incidence was high during the months of January, February and March 1944. The total number of patients admitted with this disease was 3,233 the highest figure ever admitted into this Hospital since its inception. This is largely due to the combing operation and increased hospitalistion of all concealed cases.

The incidence was high in the age group of 16 to 25 years and the largest number of patients was admitted in the age group of 21-25 as will be observed from the following table.

Most of the patients admitted for Small-pox came from thickly populated localities. It was noticed that the attendants who were immunised immediately by vaccination or re-vaccination did not fall victims to the disease in spite of their close contact with dangerous cases of Small-pox in the Wards for weeks together. All cases are classified into four types as follows:—

TABLE.

	Admissions.	Deaths.	Recovered.	Fatality rate per cent.
Haemorrhagic	114	109	5	99.6
Confluent	558	484	74	86.7
Semi-confluent	886	282	604	31.8
Discrete	1,675	21	1,654	1.2

Investigations into therapeutic effects of sulphanilamide group of drugs in the treatment of small-pox using different members of the group were continued this year and are still in progress.

TABLE

Years.	Vaccinated Admissions.				Unvaccinated Admissions.			
	Total.	Cured.	Deaths.	Fatality rate.	Total.	Cured.	Deaths.	Fatality rate.
Under 1 year ...	15	7	8	53.3%	93	42	51	54.8%
1 Year ...	5	3	2	40.0%	14	5	9	64.2%
2 years ...	16	12	4	25.0%	59	35	24	40.7%
3 ,, ...	30	25	5	16.6%	37	25	12	32.4%
4 ,, ...	26	21	5	19.2%	32	21	11	34.3%
5 ,, ...	22	16	6	27.2%	33	22	11	33.3%
6-10 ,, ...	99	85	14	14.1%	120	86	34	28.3%
11-15 ,, ...	114	98	16	14.03%	120	95	25	20.8%
16-20 ,, ...	457	390	67	14.7%	360	238	122	33.8%
21-25 ,, ...	501	404	97	19.3%	352	212	140	39.2%
26-30 ,, ...	267	217	50	18.7%	225	115	110	48.8%
31-35 ,, ...	76	60	16	21.05%	45	24	21	46.6%
36-40 ,, ...	39	32	7	17.8%	23	14	9	39.1%
41-50 ,, ...	25	19	6	24.0%	15	8	7	46.6%
51-60 ,, ...	2	2	...	...	6	1	5	83.3%
61-70 ,, ...	1	1	...	...	4	2	2	50.0%
All ages ...	1,695	1,392	303	17.8%	1,538	945	593	28.5%

This table indicates that the mortality amongst the vaccinated cases is considerably lower than that amongst the unvaccinated ones showing the beneficial modifying effects of vaccination on the course and termination of the disease.

There were 3,233 cases of small-pox admitted into this Hospital and the total number of deaths was 896, out of which 53 occurred within 48 hours of their admission owing to their having been admitted at a very late stage or in very serious condition. Thus excluding these cases, the fatality rate of the disease comes to 26.3 per cent.

DIPHTHERIA.

This disease is also endemic in Bombay and the highest number of cases was admitted this year in the months of September and December. There were 400 admissions as compared to 334 in the year 1943. 333 cases recovered under treatment and 70 cases proved fatal.

Operative Treatment (Tracheotomy) was carried out on 4 cases during the year under report. Only one of them survived and was discharged cured.

TABLE

Years	Admissions.	Deaths.	Recovered.	Mortality percentage.	Mortality percentage excluding moribund cases which died within 48 hours.
1939 ...	191	54	137	17.9	Figures not available.
1940 ...	221	69	152	31.0	16%
1941 ...	251	63	188	25.1	8.7%
1942 ...	278	44	234	15.7	7.8%
1943 ...	334	51	283	15.2	8.1%
1944 ...	400	70	330	17.5	8.3%

Out of the total 70 deaths 40 patients were brought in a moribund condition in the very late stage of the disease associated with severe toxaemia or cardiac failure and died within 48 hours of their admission in the hospital. Excluding these deaths the percentage of the fatality comes to 8.3 per cent.

ENTERIC FEVER.

Enteric fevers have been endemic in Bombay for the past several years and the largest number of so far admitted into the Arthur Road Hospital was in 1943. There were 624 admissions this year as compared with 715 in the year 1943. The highest admissions this year were in the months of September and October.

History of previous T.A.B. inoculations was available in only 12 cases only. The onset of the disease was seen within 15 days of the inoculation in 6 cases and out of these 4 cases proved fatal. Those cases which had the history of being inoculated within the incubation period of 15 days showed a high mortality rate of 66.6%, The rest of the cases numbering 6 did not show any severity in the course of the disease. There were 18 cases with meningeal symptoms and 9 cases had relapses during their course of the disease. Intestinal haemorrhage as a complication occurred in 37 cases out of which 23 cases proved fatal (62%).

The total mortality was 149 out of which 10 died within 48 hours of their admissions; excluding these moribund cases the mortality amongst treated cases was 22.2%.

Apart from clinical features, diagnosis was confirmed by laboratory tests, *viz.*, blood counts, widal reaction, urine examination, blood cultures, etc. Widal test was found positive for B Typhosus in diluation of more than 1 in 120 with 0 suspensions in 598 cases.

TABLE

Table of admissions and mortality rate during the last 6 years:—

Years.	Admissions.	Case Mortality rate.
1939 ...	202	15.0%
1940 ...	184	24.0%
1941 ...	360	26.2%
1942 ...	595	17.4%
1943 ...	715	26.4%
1944 ...	624	24.1%

MENINGOCOCCAL MENINGITIS

The disease is sporadic in Bombay. 148 cases of Meningococcal Meningitis were admitted during the year under report as compared with 213 cases admitted in 1943. The highest incidence was in the month of January 1944. The incidence of the disease was more amongst males and in the early period of life. The youngest patient admitted was a child of 2 months and the oldest was a male of 70 years of age.

Out of the 148 cases, 30 were admitted at a very late stage of the disease. The diagnosis of the cases was established by examination of their carebro-spinal fluid for the cell count, bio-chemical changes, and for organisms from smears and cultural growths. The C. S. fluid was found clear in 3 cases (1.3 per cent.), hazy in 43 cases (29 per cent.), turbid in 67 cases (45.2 per cent.) and purulent in 36 cases (24.2 per cent.).

The meningococcii were found in the smears of 133 cases (89.8 per cent.) and amongst 48 cases (32.4 per cent.) they were predominantly extra-cellular.

The cases were treated mainly with Sulphonamide group of drugs. Chronic type of cases or those not showing rapid amelioration of symptoms with Chemotherapy were treated with anti-Meningococcal serum in addition to Chemotherapy with fair response.

With the exclusion of 30 cases which proved fatal within 48 hours of their admission into this hospital, rate of fatality amongst the treated cases of meningococcal meningitis was 21.1 percent. The organisms were extra-celluar in 24 cases of the moribund cases.

PENICILLIN THERAPY IN MENINGITIS.

This drug is under trial mainly for treatment of cases of Meningococcal Meningitis. After thorough investigation into the clinical, bacteriological and biochemical response to this drug as compared with other existing methods of treatment of such cases, a report on its value as a specific drug for this disease would be made in due course.

MEASLES.

There were 57 cases admitted during the year on record. The incidence of admission of this disease was high in the month of January. Majority of them were from Children's Home and Convents.

MUMPS.

81 cases of Mumps were admitted during the year under report. The incidence of admission of cases with this disease was high in the months of January and December. Majority of cases were from Children's Homes, Convents and from the City Police Force.

PLAGUE.

Not a single case of Plague was admitted during this year.

CHICKEN-POX.

393 cases of chicken-pox were admitted this year. All were discharged cured.

CHOLERA.

One imported case of cholera was admitted this year. Laboratory investigations were confirmed at the Haffkine Institute.

TYPHUS.

Two cases of Typhus were admitted during the year under report. They were admitted with a history of continuous fever associated with headache, rash on the body and extreme weakness. Diagnosis was confirmed by repeated examination of blood for Weil-Felix reaction which showed rising titre during the course of the disease. The cases recovered.

ANTERIOR POLIOMYELITIS.

Only one case of Anterior Poliomyelitis was admitted during the year. It was in moribund condition and the patient died within 48 hours of admission.

BACTERIOLOGICAL AND PATHOLOGICAL EXAMINATION.

The following table shows the number of bacteriological examinations made at the City Fever Hospitals (These were done by Medical Assistants who were also working in Wards and Casualty Department at the same time.

TABLE

1.	Blood films for parasites, differential counts and blood pictures ...	3,860
2.	Blood Cultures	62
3.	Blood for Widal tests	1,890
4.	Blood for Kahn's tests	30
5.	Material from buboes, ulcers and abscesses, sternal punctures etc. for microscopic and cultural examinations	25
6.	Sputum for organisms	640
7.	Stools for detection of Amoebae, Cysts, Ova, Bacilli, Vibrios and for cultural investigations	756
8.	Urine examinations by routine, chemical, microscopic and cultural methods	2,375
9.	Cerebrospinal fluid for miscroscopic and cultural examinations ...	788
10.	Throat swabs for smears and cultures of B. diphtheria ...	1,985
11.	Vanden Berg Test	Nil.
12.	Blood grouping and matching	Nil.
	Total ...	12,411

186 samples of blood, 86 of stool, 43 of cerebrospinal fluid, 39 of throat swabs were sent to the Haffkine Institute for investigations. Thanks are due to the Director and the staff of the Haffkine Institute for their help in assisting the Municipal Staff as usual in the laboratory investigations. Thanks are also due to the Dean and the Professor of Pathology of the Seth G. S. Medical College for their help in matching of blood for blood transfusion and also for supplying the blood.

CO-OPERATIVE CREDIT SOCIETY, LTD.

The City Fever Hospitals Employees' Co-operative Credit Society has been working satisfactorily and completed its three years' career on 30-6-1944. It continued to remain in 'A' class during the year. The position of the Society as on 30-6-1944 is given below :—

No. of members.	Share capital.	Amount of loans granted.	Amount of loans recovered.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
96 ...	4,254 8 0	4,950 0 0	4,520 0 0

POOR BOX CHARITY FUND.

The following statement shows the collections made from time to time and the expenditure incurred during the year upto 31st December 1944.

STATEMENT OF ACCOUNTS.

RECEIPTS.	Rs. a. p.	EXPENDITURE.	Rs. a. p.
Balance ...	3,162 6 0	Newspapers for patients	175 2 6
Collection from Boxes	755 10 9	X-Mas Function (1943)	198 12 0
Donations. (1) Poor Box ...	157 0 0		
(2) Nurses' Welfare Fund ...	15 0 0	Balance on 31-12-1944	3,731 2 3
(3) Servants' Welfare Fund ...	15 0 0		
Total ...	4,105 0 9	Total ...	4,105 0 0

MARATHA TUBERCULOSIS HOSPITAL.

ANNUAL REPORT 1944.

Accommodation.—There are five wards, each accommodating sixteen patients. Owing to the very heavy demand from the Public for admission, the schedule number of beds had to be increased many a time by putting up extra beds in some of the wards. But in spite of this, some patients had to remain on waiting list for some time before they could secure admission in the Hospital.

The total number of admissions during the year was 853 as against 822 in 1943. The daily average number of patients was 83.9 as against 83.02 in the last year.

Expenditure.—Total expenditure during the year was Rs. 1,13,377-14-9 as compared with Rs. 92,614-5-6 in the year 1943. The cost per patient per day came to Rs. 3-11-1 during the year under review as against Rs. 3-0-11 in the year 1943.

Out of 853 patients admitted, 852 were suffering from tuberculosis and 1 from other diseases. The particulars are given below :—

Particulars.	Number.	
Patients remained on 1st January 1944 ...	79	932
Patients admitted during the year for Tuberculosis ...	852	
,, ,, ,, ,, ,, ,, other diseases ...	1	
Patients discharged ...	309	932
Patients died ...	544	
Patients remaining on 1st January 1945 ...	79	
Mortality per cent ...	58.4	

Classification of patients admitted according to caste and sex.

Hindus.		Mahomedans.		Christians.		Anglo-Indians & Europeans.		Others.		Grand total.	
Male.	Female.	Male.	Female	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
359	152	148	43	81	38	1	1	27	3	616	237

Distribution of patients admitted according to Age.

Upto the age of ...	10	15	20	25	30	35	40	45	50	Above 50	Grand total.
	2	11	92	163	169	117	104	68	51	76	853

X-Ray Examination.—213 Screenings were performed at the Tubeculosis Clinic, Princess Street.

Collapse (Relaxation) Therapy of Lungs.—Artificial Pneumothorax was induced in 48 cases and the total number of refills was 252.

Operative treatment by Phrenic Evulsion was carried out in 18 cases.

Laboratory Examinations.—960 specimens of sputum and 37 of urine were examined at the Laboratory during the year.

Out-Patients Dispensary.—2,594 cases were treated at the Out-door dispensary in the year under review for various diseases as compared with 2,273 in 1943.

POOR BOX CHARITY FUND.

Statement showing the collections made from time to time and the expenditure incurred upto 31st December 1944 is given below :—

Receipts.	Rs. a. p.	Expenditure.	Rs. a. p.
Balance on 1-1-1944	281 12 9	Purchase of costly patent medicines for the use of poor patients	38 0 3
Donations from—			
The American Women's Club of Bombay	300 0 0	Distribution of sweets and purchase of Gramaphone records etc., for the comforts and entertainment of patients during Diwali Holidays and other occasions.	121 0 0
The Manager, Habib Bank, Ltd. ...	101 0 0		
Messrs. The Indian Oxygen and Acetylene Co., Ltd.	50 0 0		
Mr. Ramanlal Hiralal Zaveri ...	25 0 0		
Collection from the Charity Boxes...	77 3 0	Balance on 31-12-1944 ...	675 15 6
Total ...	834 15 9	Total ...	834 15 9

Maratha Hospital
Connaught Road,
Bombay No. 27
1st February 1945.

B. S. KANGA,
M.D., D.P.H., F.R.I.P.H.
Medical Superintendent,
Maratha Hospital.

REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING THE YEAR ENDING 31st DECEMBER 1944.

The total number of samples examined during the period under report was 27,708, as compared with 20,508 samples in the year 1943, exceeding by 4,630 the average number examined during the last quiquennium and by 7,614 during the last decennium. Of these 23,173 samples were examined chemically and 4,535 bacteriologically as against 15,443 and 5,065, respctively in 1943.

CHEMICAL.

Out of 23,173 samples examined chemically, the following were food-stuffs:—

Nature of the Samples.		Municipal and Statutory.	Private.	Total.
Milk*	... ...	17,418	311	17,729
Ghee	... ...	1,013	114	1,127
Butter	... ...	1,008	40	1,048
Vegetable Product	... ...	768	27	795
Margarine	... ...	52	1	53
Tea and Tea-Dust	... ...	510	...	510
Coffee	... ...	102	1	103
Turmeric	... ...	87	...	87
Aerated Waters	... ...	9	...	9
Curds	... ...	9	...	9
Oils	... ...	15	16	31
Other Food-Stuffs	Food-Grains	277	...	277
	Flours	65	3	68
	Spicies	18	...	18
	Creams	13	...	13
	Ice-Cream and Kulfi ...	5	2	7
	Biscuits	5	...	5
	Sweets	6	...	6
	Kitchen Brand Cooking ...	3	...	3
	Honey	...	2	2
	Pipe Macaroni	2	...	2
	Faked Tea	2	...	2
	Miscellaneous	8	3	11
		21,395	520	21,915

*Boric Acid was detected in six milk samples.

The results of all the food-stuffs, except item of other Food-Stuffs, have been shown in the attached statement No. 3.

OTHER FOOD-STUFFS.

414 samples of other food-stuffs were examined as mentioned below:—

Nature of the Samples.	Total.	Remarks.
Food-Grains	277	Fifteen samples of jwari, six of bajari, ten of rice, three of grams, five of wheat and one of maize were found to be unfit for human consumption.
Flours	68	Twenty-four samples of flours were unfit for human consumption.
Spicies	18	All the samples of spicies were found to be unfit for human consumption excepting one of Dil Seeds and the other of Mithi Seeds.
Creams	13	Six samples of creams were unfit for human consumption.
Ice-Cream and Kulfi	7	No milk was detected.
Biscuits	5	All were found to be unfit for human consumption.
Sweets	6	All were found to be unfit for human consumption.
Kitchen Brand Cooking	3	Genuine.
Honey	2	Only one sample was not genuine.
Pipe Macaroni	2	Both were unfit for human consumption.
Faked Tea	2	Both were unfit for human consumption.
Miscellaneous	11	Genuine.
	414	

WATERS.

466 samples of water were examined as under :—

237 from Public Supply.
17 from Wells and
212 from other sources.

466

SAMPLES OF URINE.

632 samples of Urine were examined chemically, out of which 289 were sent by private individuals and 343 by the Municipal Authorities.

MISCELLANEOUS.

160 samples of miscellaneous nature were received as under :—

Nature of the Samples.	Total.	Remarks.
Inks	48	
Chemicals	23	Eleven samples of chemicals, *viz.*, five of Barium Carbonate, 2 of Potassium Permanganate, 2 of Copper Sulphate 1 of Ammonium Sulphate and 1 of Amylum Starch were, found to be below the British Pharmacopoeia Standard.
Medicines	22	Seven samples of medicines, *viz.*, 1 of Ungeuntum Hydragyri Compound, 1 of Ungunetum Hydragyri, 1 of Ichthammol, 1 of Liquid Bismuth et Ammonia, 1 of Magnesium Carbonas Lewis, 1 of Parafine Liquid and 1 of Ext. Ergot Liquid were found to be below the British Pharmacopoeia Standard.
Soaps	15	
Paints	12	
Other Oils	11	One sample of Turpentine was found to be below the specifications.
Tropical Chloride of Lime ...	3	Below the specifications.
Miscellaneous	26	Sample of Sanatogen was found to be deteriorated.
	160	

BACTERIOLOGICAL.

4,535 samples were examined bacteriologically, including 1,272 slides for the detection of Malaria Parasites.

WATERS.

780 samples of water were examined as under :—

240 from Public Supply,
6 ,, Wells and
534 ,, Other Sources.

780

A statement of detailed analysis of water samples from the Public Supply is attached. Out of the remaining 540 samples of water, 115 were found to be unsatisfactory for drinking purposes.

DISINFECTANTS.

17 samples of disinfectants were examined to determine the Rideal Walker Co-efficient.

SAMPLES FOR DIAGNOSTIC PURPOSES.

Nature of the samples.	Total.	Specific Organism.		
		Positive.	Negative.	
Blood for Malaria ...	1,272	324	948	
Blood for Differential Counts ...	6	...	...	6
Blood for Enumeration of Cells ...	2	...	...	2
Blood ...	1	...	...	1
Sputum for T. B. ...	1,639	537	1,102	
Swabs for Diphtheria ...	609	...	609	
Stool ...	3	...	3	
Stool for Amoeba ...	8	1	7	
Stool for Ova ...	4	1	3	
Stool for Dysentery ...	3	...	3	
Stool for Hook-worm ...	1	...	1	
Urine for Gonococci ...	1	...	1	
Urine for T. B. ...	1	...	1	
Smear for Kala Azar ...	1	1	...	
Smear for Gonococci ...	1	...	1	
Total ...	3,552	864	2,679	9

186 samples of miscellaneous nature were examined as under :—

Vaccine ...	153
Aerated Waters ...	21
Sweets ...	6
Toor Dal ...	2
Butter ...	2
Miscellaneous ...	2
Total ...	186

J. H. DOCTOR,
M.B., B.S., B.Hy.,
Municipal Analyst.

STATEMENT No. 1.

Statement of samples received for chemical examination during the year ending 31st December 1944.

Received from.	Waters.			Food-Stuffs.													Other Food-Stuffs.																		
	Bombay.	Well.	Other.	Milk.	Ghee.	Butter.	Vegetable Product.	Margarine.	Tea and Tea-Dust.	Coffee.	Turmeric.	Aerated Waters.	Curds.	Oils	Food Grains.	Flours.	Spicies.	Creams.	Biscuits.	Sweets.	Ice creams and kulfis.	Kit hen Brand Cooking.	Honey.	Pipe Macaroni	Faked Tea.	Miscellaneous.	Urine.	Inks.	Chemicals.	Medicines.	Soaps.	P ints and Varnishes.	Other Oils.	Miscellaneous.	Total.
The Municipal Commissioner ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	48	...	...	...	...	...	...	51
The Executive Health Officer ...	...	...	9	...	...	1	1	...	1	4	1	...	...	...	15	13	...	...	...	...	...	...	...	...	2	4	...	...	8	5	...	...	...	1	65
The Hydraulic Engineer	165	...	171	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	1	342
The City Engineer ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
The Assistant Health Officer Malaria ...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
The Asst. Engineer Drainage ...	...		4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
The Inspectors from A & B Wards ...	...	3	...	1,090	138	207	317	2	289	41	35	...	...	...	1	21	...	...	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	2,154
Do. C & D Wards ...	...	4	...	2,227	562	360	160	1	99	16	14	9	7	1	1	...	2	...	...	6	...	3	...	2	...	1	...	...	...	...	...	...	...	...	3,485
Do. E Ward ...	...	...	2	1,220	139	278	201	10	78	23	24	...	2	...	4	...	3	13	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1,999
Do. F & G Wards ...	...	...	3	1,495	174	146	89	39	33	12	13	...	...	1	6	23	13	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2,048
The Dean, King Edward Memorial Hospital.	...	...	...	738	...	16	...	...	5	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	17	...	...	1	...	787
The Controller of Stores	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	8	8	37
The Superintendent of Licences and Shops Establishment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	12	2	11	30
The Special Officer (Milk) ...	...	...	...	8,328	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	8,329
Private	...	9	20	311	114	40	27	1	...	1	...	...	...	16	...	3	...	...	...	...	2	...	2	...	...	3	289	...	1	...	...	...	...	...	839
The Other Municipal Authorities ...	72	...	...	2,310	...	...	...	...	5	6	...	...	...	...	250	5	...	...	...	...	...	...	...	...	...	1	343	...	1	...	...	...	...	4	2,997
Total ...	237	17	212	17,729	1,127	1,048	795	53	510	103	87	9	9	31	277	68	18	13	5	6	7	3	2	2	2	11	632	4	23	22	15	12	11	29	23,173

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 2.

Statement of samples examined bacteriologically during the year ending 31st December 1944.

Received from	Waters.			Samples for Diagnostic purposes.															Vaccine.	Aerated water.	Disinfectants.	Sweets.	Toor Dal	Butter	Miscellaneous.	Total.
	Bombay	Well.	Other	Blood	Blood for malaria.	Sputum for T. B.	Blood for Differential counts.	Blood for Enumeration of cells	Swabs for Diphtheria.	Stool.	Stool for Amoeba.	Stool for Hookworm.	Stool for ova.	Stool for Dysentery.	Urine for Gonococci.	Urine for T. B.	Smear for Kala Azar.	Smear for Gonococci.								
The Hydraulic Engineer ...	168	...	198	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	366
The Executive Health Officer ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
The Inspectors from A and B Wards ...	...	4	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
Do. C and D Wards ...	...	1	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	24
Do. E Ward ...	...	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	...	...	...	...	...	37
Do. F and G Wards ...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
he Asstt. Health Officer Malaria ...	...	...	...	...	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31
The Superintendent of Vaccination ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	153	...	...	...	...	...	...	153
he Controller of Stores ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	14
e Assistant Engineer Drainage ...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
ivate Individuals ...	...	1	10	1	16	188	...	2	...	2	8	1	4	3	1	1	...	1	...	...	3	...	...	2	1	245
e other Municipal Authorities ...	72	...	270	...	1,225	1,451	6	...	609	1	...	...	...	...	...	...	1	...	...	...	...	1	2	...	...	3,638
Total ...	240	6	534	1	1,272	1,639	6	2	609	3	8	1	4	3	1	1	1	1	153	21	17	6	2	2	2	4,535

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 3.

Statement of water samples and Samples of food-stuffs examined under Bombay Prevention and Adulteration Act of 1925 with their results during the year ending 31st December 1944.

Received from.	Bombay Waters.		Well water		Other water		Milk.			Ghee.			Butter.			Vegetable Product.			Margarine.		Tea and Tea Dust.		Coffee.		Turmeric.		Aerated Waters.		Curds.		Oils.	
	Total.	Unsatisfactory	Total.	Unfit	Total	Unsatisfactory	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Total.	Not Genuine.	Total.	Not Genuine.	Total.	Presence of Lead detected.	Total.	Presence of Saccharine above the limits.	Total.	Deficiency in Fat.	Total	Not Genuine.
The Executive Health Officer ...	...	...	...	...	9	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	4	4	1	...	...	...	...	...	...	...
The Asstt. Health Officer Malaria	...	...	1	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Hydraulic Engineer ...	165	...	...	...	171	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Inspectors from A & B Wards	...	...	3	...	...	...	1,090	198	18·2	138	21	15·2	207	59	28·5	317	2	0·6	2	...	289	...	41	7	35	4	...	...	...	...	...	...
Do. C & D do.	...	...	4	...	...	...	2,237	494	22·1	562	85	15·1	360	108	30·0	160	4	2·5	1	1	99	...	16	5	14	6	9	...	7	4	1	1
Do. E Ward	...	...	...	...	2	...	1,220	383	31·4	139	13	9·4	278	101	36·3	201	...	...	10	...	78	3	23	1	24	1	...	...	2	1	...	...
Do. F & G Wards	...	...	...	...	3	...	1,495	370	24·7	174	26	14·9	146	37	25·3	89	...	...	39	...	33	...	12	2	13	4	...	...	...	...	1	...
The Dean, King Edward Memorial Hospital.	...	...	...	...	...	...	738	21	2·8	...	...	...	16	6	37·5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	7	2
The Asstt. Engineer Drainage ...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Controller of Stores ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...
The Special Officer Milk ...	...	...	...	...	...	...	8,328	84	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Private	...	...	9	...	20	...	311	93	29·9	114	66	57·9	40	20	50·0	27	...	...	1	...	...	...	1	...	...	...	...	...	...	...	16	4
The Other Municipal Authorities	72	...	...	...	...	...	2,310	97	4·2	...	...	...	...	...	...	...	...	...	...	...	5	...	6	1	...	...	...	...	...	...	...	...
GRAND TOTAL ...	37	...	17	...	212	...	17,729	1,740	9·8	1,127	211	18·7	1,048	331	31·6	795	6	0·8	53	1	510	3	103	20	87	15	9	...	9	5	31	7

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 4.

Statement of Results of Bombay waters examined chemically during the year ending 31st December 1944.

Parts per 100,000.

Source.	January. I	January. II	February. I	February. II	March. I	March. II	April. I	April. II	May. I	May. II	June. I	June. II
Tansa Lake Water :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.005	0.004	0.005	0.006	0.006	0.009	0.007	0.006	0.010	0.011	0.006	0.009
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.032	0.032	0.032	0.034	0.038	0.042	0.036	0.032	0.042	0.050	0.049	0.043
Tansa Water from 57" Tansa Main at Bandra												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	0.001	0.001	0.002	*Nil.*	0.003	0.003	0.002	0.003	0.004	0.0 1	0.003	*Nil.*
Albuminoid Ammonia	0.004	0.003	0.004	0.005	0.004	0.006	0.006	0.005	0.007	0.005	0.005	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.038	0.028	0.036	0.030	0.032	0.030	0.032	0.038	0.040	0.036	0.032	0.028
Tansa Water from Inlet at Malabar Hill :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	*Nil.*	0.003	0.001	0.004	0.001	0.001	0.001	0.003	0.001	0.001	*Nil.*
Albuminoid Ammonia.	0.004	0.0 4	0.005	0.005	0.006	0.005	0.006	0.004	0.0 7	.007	0.006	0.007
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.028	0.026	0.030	0.032	0.034	0.032	0.030	0.030	0.036	0.038	0.036	0.032
Tulsi Lake Water :—												
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	15.0	15.0	15.0	15.0	15.0	15.0
Chlorine	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.5
Free Ammonia	0.001	*Nil.*	*Nil.*	*Nil*	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	0.001	0.001
Albuminoid Ammonia ...	0.004	0.024	0.015	0.012	0.040	0.018	0.019	0.020	0.022	0.015	0.044	0.011
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.034	0.090	0.086	0.072	0.118	0.068	0.076	0.090	0.094	0.086	0.200	0.096
Tansa water from 48" Tansa Main at Sion :—												
Total Solids	11.0	13.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	0. 03	0.0 1	*Nil.*	*Nil.*	0.001	*Nil.*	0.001	0.00	0.003	0.001	0.003	*Nil.*
Albuminoid Ammonia	0.005	. 16	0. 01	0.0 7	0. 6	. 05	0. 07	0.005	0.003	0.0 7	0. 06	0.0 4
Oxygen Absorbed at 80°F. (Tidy's Process)...	.032	0.1 8	0.0 0	0.040	.035	0.0 2	0. 34	0.030	0.038	.036	0.038	0.0 0

Source.	July. I	July. II	August. I	August. II	September. I	September. II	October. I	October. II	November. I	November. II	December. I	December. II
Tansa Lake Water :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	0.001
Albuminoid Ammonia	0.014	0.006	0.009	0.009	0.004	0.007	0.008	0.007	0.006	0.007	0.007	0.007
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.068	0.050	0.058	0.060	0.030	0.038	0.040	0.038	0.034	0.036	0.0 0	0.038
Tansa Water from 57" Tansa Main at Bandra												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	0.0 1	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.003
Albuminoid Ammonia	0.004	0.004	0.007	0.006	0.004	0.006	0.005	0.006	0.004	0.006	0.003	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.034	0.028	0.030	0.032	0.028	0.036	0.030	0.032	0.028	0.030	0.026	0.028
Tansa Water from Inlet at Malabar Hill :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	.7	0.7	0.7
Free Ammonia	0.001	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil*	*Nil.*
Albuminoid Ammonia.	0.00	0.006	0.004	0.012	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.003
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.042	0.032	0.028	0.072	0.034	0.030	0.032	0.028	0.030	0.028	0.032	0.026
Tulsi Lake Water :—												
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	15.0	15.0
Chlorine	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	0.008	0.001	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	0.013	0.016
Albuminoid Ammonia ...	0.017	0.013	0.015	0.008	0.014	0.017	0.014	0.020	0.008	0.016	0.029	0.028
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.094	0.080	0.086	0.076	0.074	0.080	0.072	0.104	0.058	0.098	0.130	0.118
Tansa water from 48" Tansa Main at Sion :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	0.001	0.005	0.0 1	0.002	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.005	.007	0.009	0.004	0.004	0.005	0.006	0.005	0.003	0.004	0.005	0.006
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.036	0.056	0.052	0.036	0.054	0. 32	0.036	0.032	0.026	0.0 8	0.030	0.032

STATEMENT No. 4 (Con'd.)

SOURCE.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October		November.		December.	
	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
Vehar Water from the Vehar Lake:—																								
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	15.0	15.0	15.0	15.0	15.0	15.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil*	*Nil.*	0.001	0.003	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.005	0.005
Albuminoid Ammonia	0.009	0.010	0.012	0.011	0.008	0.010	0.011	0.013	0.033	0.015	0.010	0.015	0.034	0.010	0.015	0.014	0.013	0.034	0.019	0.013	0.012	0.024	0.028	0.035
Oxygen Absorbed at 80°F. (Tidy's Process)..	0.055	0.060	0.074	0.060	0.056	0.048	0.056	0.065	0.108	0.084	0.066	0.128	0.152	0.060	0.080	0.078	0.063	0.106	0.088	0.090	0.078	0.110	0.113	0.112
Tansa Water from the Inlet at Bhandarwada:—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	0.003	0.001	0.001	*Nil.*	0.00	0.001	0.004	0.001	0.001	0.001	0.003	0.003	0.011	0.001	*Nil.*	0.003	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.004	0.005	0.004	0.005	0.006	0.007	0.007	0.006	0.004	0.006	0.007	0.007	0.018	0.004	0.004	0.012	0.003	0.003	0.006	0.004	0.005	0.004	0.004	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.032	0.036	0.030	0.030	0.032	0.034	0.038	0.034	0.032	0.036	0.038	0.032	0.046	0.132	0.028	0.070	0.026	0.028	0.034	0.026	0.030	0.024	0.028	0.026
Tansa Water from the outlet at Gowalia Tank Fire Brigade Station																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	*Nil.*	0.001	0.001	0.004	*Nil.*	0.003	*Nil.*	0.001	*Nil.*	0.001	*Nil.*	*Nil.*	0.001	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.004	0.004	0.004	0.005	0.006	0.007	0.006	0.005	0.014	0.005	0.005	0.006	0.006	0.004	0.004	0.008	0.003	0.004	0.004	0.003	0.004	0.004	0.005	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.030	0.032	0.032	0.032	0.036	0.036	0.034	0.032	0.072	0.032	0.034	0.030	0.032	0.030	0.030	0.036	0.028	0.028	0.030	0.022	0.024	0.028	0.030	0.032
Tulsi Water from 24" Tulsi Main at Santa Cruz:—																								
Total Solids	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	16.0	15.0	14.0	14.0	14.0	14.0	14.0	14.0	15.0	14.0	14.0	15.0	15.0
Chlorine	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.3	1.3	1.4	1.4	1.4	1.4	3.0	1.4	1.4	1.5	1.5
Free Ammonia	0.001	0.001	*Nil.*	0.001	0.001	*Nil.*	0.002	0.032	0.001	0.024	*Nil.*	*Nil*	*Nil.*	0.005	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.009	0.010	0.012	0.012	0.016	0.008	0.016	0.021	0.014	0.017	0.016	0.017	0.010	0.008	0.011	0.008	0.007	0.005	0.010	0.002	0.007	0.007	0.008	0.010
Oxygen Absorbed at 80°F. (Tidy's Process)..	0.050	0.066	0.070	0.073	0.096	0.060	0.074	0.104	0.072	0.098	0.078	0.094	0.080	0.068	0.088	0.068	0.056	0.032	0.060		0.036	0.040	0.044	0.042
Vehar Water from 48" Vehar Main at Powai:—																								
Total Solids			11.0		14.0	14.0	15.0	15.0	15.0	15.0	15.0	15.0	14.0	14.0	14.0	14.0	14.0	14.0	13.0	14.0	14.0	14.0	14.0	14.0
Chlorine			0.7		1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.3
Free Ammonia			0.003		0.009	0.009	*Nil.*	0.021	0.008	0.009	0.005	0.001	0.001	0.005	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.004	0.003
Albuminoid Ammonia			0.005		0.015	0.010	0.017	0.015	0.015	0.010	0.076	0.006	0.009	0.016	0.012	0.010	0.007	0.005	0.010	0.007	0.007	0.012	0.012	0.014
Oxygen Absorbed at 80°F (Tidy's Process) ...			0.034		0.090	0.088	0.042	0.092	0.068	0.086	0.125	0.152	0.060	0.052	0.072	0.066	0.052	0.032	0.062	0.056	0.040	0.052	0.070	0.082

J. H. DOCTOR,

Municipal Analyst.

STATEMENT No. 5.

Statement of Bacteriological Analysis of Bombay water samples during the year ending 31st December 1944.

Lactose Fermenters.

Source.	January. I	January. II	February. I	February. II	March. I	March. II	April. I	April. II	May. I	May. II	June. I	June. II
Vehar water from 32" Vehar Main at King's Circle. ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Vehar water from 24" Vehar Main at Sion Causeway. ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from Malbar Hill Reservoir ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 48" New Tansa Main at Sion Cabin ...	c. c. — in 100	c. c. + in 5	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 43" Old Tansa Main at Sion Cabin ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from Bhandarwada Reservoir.	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 57" East Main at Bandra Cabin ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 57" West Main at Bandra Cabin ..	c. c. — in 100	c. c. — in 100	c. c. — in 100	o. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tulsi water from 24" Tulsi Main at Santa-Cruz ..	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from the out-let at Cowalia Tank Fire Brigade Station ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100

Source.	July. I	July. II	August. I	August. II	September. I	September. II	October. I	October. II	November. I	November. II	December. I	December. II
Vehar water from 32" Vehar Main at King's Circle. ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Vehar water from 24" Vehar Main at Sion Causeway. ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from Malbar Hill Reservoir ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 48" New Tansa Main at Sion Cabin ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 43" Old Tansa Main at Sion Cabin ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from Bhandarwada Reservoir.	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 57" East Main at Bandra Cabin ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from 57" West Main at Bandra Cabin ..	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tulsi water from 24" Tulsi Main at Santa-Cruz ..	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100
Tansa water from the out-let at Cowalia Tank Fire Brigade Station ...	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100	c. c. — in 100

J. H. DOCTOR,

Municipal Analyst.

THE ANNUAL REPORT OF THE SUPERINTENDENT OF VACCINATION FOR THE YEAR 1944.

The Vaccination Branch of the City was taken over from Government by the Municipality in 1909 and the practice of calf-to-arm Vaccination was continued. Glycerinated Vaccine was also continued to be prepared and used for performing Vaccination. Since 1st January 1923, the preparation of calf-lymph preserved in glycerine was discontinued and Vaccine prepared at Belgaum was used instead, with the approval of the Corporation (*vide* their Resolution No. 7843, dated the 4th December 1922.) Since the Vaccination Act was brought into force, calf-lymph only has been used for Vaccination.

During the year the Branch was in charge of Dr. B. D. E. Kothawala.

There are in all 28 Public Vaccination Stations in the City; out of these 26 are open once a week from 8 A.M. to 10-30 A.M. (S.T.) and the remaining two daily (1) at Princess Street for the South of the City from 8 A.M. to 10-30 A.M. (S.T.) and 2-30 P.M. to 5-30 P.M. (S.T.) except on Sundays and Bank Holidays when it is open from 8 A.M. to 10-30 A.M. (S.T.) only, and (2) at Central Vaccination Depot, Parel, for the North of the City from 7-30 A.M. to 5-30 P.M. (S.T.) except on Sundays and Bank Holidays, when it is open from 7-30 A.M. to 10-30 A.M. (S.T.) only. Besides the above, there are three more stations at 3 Infant Welfare Centres at Wari Bunder, DeLisle Road and Naigaum, which are kept open for two and a half hours, once in a week.

Vaccine Operations with Results.—The following statement shows the number of persons primarily vaccinated during the year 1944 and the preceding nine years and the percentage of successful primary operations in each year :—

Year.	PRIMARY VACCINATION.			Number of re-vaccinations.	Total Number of persons vaccinated.
	Number of children vaccinated.	Number successful.	Percentage of successful vaccination to the total Number of vaccination, results of which were known.		
1935 ...	32,729	29,189	...	1,01,531	1,34,260
1936 ...	29,462	27,240	...	61,388	90,850
1937 ...	35,151	32,519	...	71,957	1,07,108
1938 ...	34,714	30,072	...	3,03,365	3,38,079
1939 ...	32,294	29,903	...	38,890	71,184
1940 ...	39,307	35,726	99.56	1,61,588	2,00,895
1941 ...	35,955	31,781	99.66	2,39,201	2,75,156
1942 ...	31,282	26,788	99.54	1,42,836	1,74,118
1943 ...	46,000	40,045	99.62	1,90,330	2,36,330
1944 ...	58,825	46,464	99.47	7,59,978	8,18,803

Note.—The percentage of success in previous years is omitted as it shows a ratio to the total number of vaccinations which includes children removed out of the City without their results being ascertained and the ratio which was given in previous years offers no correct idea of the actual rate of all the results in the total number of primary vaccinations.

Out of the children vaccinated primarily, 42,268 were born in the City and 16,557 outside the City as against 30,710 and 15,290 respectively in the previous year.

(2) The Result of Vaccination (Primary) by Ages.—The following table represents the results of primary vaccinations by ages :—

Results.	Under 1 year.	1-6 years.	6 years and upwards.	Total.
Successful ...	36,952	9,365	147	46,464
Unsuccessful ...	224	23	2	249
Unknown ...	9,228	2,823	61	12,112

(3) Inspections of Results.—The reports of the Vaccinators were checked by the Superintendent in 4,483 cases and by the Head-Vaccinator in 6,606 cases. The success rate was approximately 99.93. Care was taken to check the Municipal Vaccinators' work in a large number of cases that re-visited the stations for inspection after 7 days and the same was found to be satisfactory. By this inspection it was also ensured that the vaccine used was of good potency.

(4) Income.—The following statement shows the details of the income derived from the sale of lymph, fees charged for vaccinations done at private places, firms etc., for giving instruction in Vaccination and for supplying extracts from vaccination registers during the year under report :—

Amount realised from sale of lymph.	Municipal moiety of the fees realised from private vaccinations.	Municipal fees (moiety only) recovered from medical and private students for receiving Vaccination instructions.	Fees realised from vaccination extracts and other miscellaneous items.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
16,179 4 0	1,692 10 0	1,435 0 0	412 1 0	19,718 15 0

(5) Cost of Single Operation.—The cost of each successful vaccine operation taking into account all the charges incurred by the Vaccination Branch was Rs. 3-3-0 as against Rs. 2-6-0 in the previous year. If the income of Rs. 19,718- 5-0 shown above is deducted from the total expenditure, the cost works out at Rs. 2-12-3 as against Rs. 2-2-7 in the previous year. If calculated against the total number of vaccine operations, *i.e.*, both primary and re-vaccinations, the cost of each operation after deducting the income as shown above comes to Rs. 0-2-6 compared to Re. 0-5-10 in the preceding year.

(6) Postponement Certificates.—During the year under report 233 Certificates for postponement of the vaccination of children were granted.

(7) Prosecutions—There were no cases of prosecution for failure to bring infants for vaccination, or for failure to present them for inspection seven days after the operation.

(8) Ill-effects from Vaccination.—No serious ill-effects due to vaccination were observed or reported during the year.

(9) Instruction to students.—During the year under report 130 Civil Medical Students and 121 private students from the City and the mofussil attended different Public Vaccination Stations for instruction in vaccination. Besides these, 8 Lady Health Visitors of the Bombay Presidency Infant Welfare Society were given instruction in Vaccination at the request of the Secretary of the Society free of Charge.

(10) Vaccination of Pilgrims.—103 Pilgrim passes for proceeding to 'Haj' were issued by the Port Haj Committee during the year. Of these 88 pilgrims were vaccinated at the office of the Port Haj Committee, 5 were vaccinated at their residences by the staff of this Department and the remaining 10 were reported to have been duly vaccinated from their districts.

(11) Cases of small-pox were on increase since the beginning of the year and the disease assumed epidemic proportions by 16th January 1944. The epidemic period continued upto 28th April 1944 and it was during this period that a large portion of vaccinations and re-vaccinations was done with the 13 permanent vaccinators supplemented by 17 temporary vaccinators and other staff. It was through the hard work put in and the vigilance observed that a record number of vaccinations could be done during the year. It was partly due to such large number of vaccinations and revaccinations that the epidemic period which used to last about 6 months was reduced to 3½ months.

M. D. VAKIL
Ag. Superintendent of Vaccination

Table No. 1.

POPULATION BY SECTIONS

	1	2			3		
		POPULATION.					
Ward.	Section.	By the Census 1931.			By the Census 1941.		
		Males.	Females.	Total.	Males.	Females.	Total.
1	Upper Colaba ...	288	148	436	7,210	1,091	8,301
	Middle and Lower Colaba ...	13,628	6,326	19,954	21,513	12,007	33,520
	Fort, South ...	2,854	641	3,495	9,656	3,738	13,394
2	Fort, North ...	16,823	9,009	25,832	18,367	10,189	28,556
	Esplanade ...	9,814	4,489	14,303	11,938	6,530	18,468
3	Mandvi ...	27,050	14,656	41,706	25,411	13,503	38,914
	Chukla ...	12,031	6,006	18,037	13,986	8,068	22,054
4	Umerkhadi ...	25,588	16,006	41,594	32,567	19,715	52,282
	Dongri ...	8,101	4,927	13,028	12,680	9,082	21,762
5	Khara Talao ...	14,998	8,245	23,243	22,998	14,071	37,069
	Kumbharwada ...	19,815	12,212	32,027	18,957	10,898	29,855
6	Bhuleshwar ...	23,097	12,009	35,106	19,033	8,634	27,667
	Market ...	26,952	11,699	38,651	22,923	11,461	34,384
7	Dhobi Talao ...	27,568	16,804	44,372	29,147	17,843	46,990
	Fanaswadi ...	19,722	12,355	32,077	21,575	14,362	35,937
8	Khetwadi ...	24,350	14,957	39,307	31,229	21,455	52,684
	Tardeo ...	19,200	12,548	31,748	21,216	13,996	35,212
9	Girgaum ...	24,369	14,417	38,786	32,485	21,470	53955
	Chowpati ...	10,091	6,106	16,197	13,670	9,082	22,752
10	Walkeshwar ...	14,523	8,211	22,734	15,354	9,797	25,151
	Mahalakshmi ...	22,948	13,621	36,569	32,254	22,368	54,622
11	Mazagon ...	28,414	14,739	43,153	28,575	15,762	44,337
	Tarwadi ...	24,678	15,660	40,338	24,210	14,659	38,869
12	1st Nagpada ...	4,672	2,551	7,223	6,350	4,740	11,090
	2nd Nagpada ...	13,368	7,694	21,032	19,635	11,055	30,690
	Kamathipura ...	23,488	14,083	37,571	26,346	16,063	42,409
13	Byculla ...	59,098	32,887	91,985	62,908	33,570	96,478
14	Parel ...	40,407	23,153	63,560	43,836	27,590	71,426
15	Sewri ...	17,376	9,380	26,756	20,625	11,239	31,864
	Naigaum ...	...	...	...	32,448	19,717	52,165
16	Matunga ...	...	...	...	25,562	18,195	43,757
	Sion ...	43,167	26,031	69,198	13,169	8,871	22,040
17	Dadar ...	...	...	...	30,727	19,885	50,612
	Mahim ...	30,048	19,196	49,244	25,566	19,139	44,705
18	Parbhadevi ...	...	...	...	37,023	21,775	58,798
	Worli ...	73,644	40,887	1,14,531	35,777	20,887	56,664
19	Chinchpokli ...	...	...	...	38,528	21,229	59,757
	Love Grove ...	...	...	...	3,386	1,313	4,699
	Harbour, Docks, Railways and Unknown ...	25,241	2,349	27,590	33,613	2,381	35,994
	Total ...	7,47,381	4,14,002	11,61,383	9,42,453	5,47,430	14,89,883

Table No. 2.

TABLE SHOWING THE AREA, DENSITY OF POPULATION, THE NUMBER OF BIRTHS, THE BIRTH-RATE AND DEATHS UNDER ONE YEAR PER 1,000 BIRTHS BY SECTIONS IN 1944.

1	2	3	4	5			6	7	8
Ward.	Sections.	Area in Acres.	Average Population per Acre calculated on the Census Population of 1941.	Number of Births registered.			No. of Births per 1,000 of Population.	Mean ratio of Births per 1,000 of Population during the preceding 5 years.	Deaths under 1 year per 1,000 Births.
				Males.	Females.	Total.			
1	Upper Colaba ...	605.77	13.7	107	111	218	26.2	23.2	105
	Middle and Lower Colaba ...	770.88	43.5	458	407	865	25.8	21.1	178
	Fort, Southern ...	454.26	29.5	162	139	301	22.4	17.0	110
2	Fort, Northern ...	89.70	318.4	557	448	1,005	35.2	29.2	185
	Esplanade ...	648.41	28.5	381	340	721	39.0	33.2	173
3	Mandvi ...	171.60	226.7	523	504	1,027	26.4	21.7	209
	Chukla ...	45.16	488.3	411	422	833	37.7	29.6	148
4	Umarkhadi ...	94.95	550.6	920	901	1,821	34.8	31.5	203
	Dongri ...	296.50	73.4	451	405	856	39.3	40.4	183
5	Khara Talao ...	57.36	646.3	456	473	929	25.0	24.9	182
	Kumbharwada ...	42.05	710.0	592	509	1,101	36.8	31.3	271
6	Bhuleshwar ...	43.22	640.1	734	759	1,493	54.0	33.3	192
	Market ...	81.75	420.6	648	634	1,282	37.3	23.9	191
7	Dhobi Talao ...	114.63	409.9	912	899	1,811	38.5	22.5	177
	Fanaswadi ...	102.39	351.0	783	730	1,513	42.1	25.6	186
8	Khetwadi ...	153.71	342.7	1,063	991	2,054	39.0	27.9	179
	Tardeo ...	146.92	239.7	704	675	1,379	39.1	30.2	202
9	Girgaum ...	114.42	471.5	1,006	924	1,930	35.8	46.0	188
	Chowpati ...	106.52	213.6	432	520	952	41.8	32.2	100
10	Walkeshwar ...	584.20	43.1	386	343	729	29.0	23.7	129
	Mahalakshmi ...	680.02	80.3	948	893	1,841	33.7	24.9	172
11	Mazagon ...	544.41	81.4	849	923	1,772	40.0	26.0	209
	Tarwadi ...	359.90	108.0	886	789	1,675	43.1	30.9	215
12	1st Nagpada ...	96.20	115.3	287	204	491	44.3	33.1	248
	2nd Nagpada ...	86.53	354.7	690	599	1,289	42.0	29.8	203
	Kamathipura ...	60.32	703.1	763	611	1,374	32.4	25.0	306
13	Byculla ...	536.27	179.1	1,841	1,768	3,609	37.4	25.1	278
14	Parel ...	560.59	127.4	1,912	1,895	3,807	53.3	32.4	186
15	Sewri ...	1,129.56	28.2	644	628	1,272	39.9	26.2	268
	Naigaum ...	425.08	122.7	1,206	1,057	2,263	43.4	...	205
16	Matunga ...	388.46	112.6	781	742	1,523	34.8	...	152
	Sion ...	2,737.89	8.1	432	562	994	45.1	41.4	197
17	Dadar ...	1,450.38	34.9	1,244	1,149	2,393	47.3	...	202
	Mahim ...	370.74	120.6	953	1,040	1,993	44.6	43.3	168
18	Parbhadevi ...	489.46	120.1	1,363	1,189	2,552	43.4	...	216
	Worli ...	915.11	61.9	1,246	1,201	2,447	43.2	35.4	229
19	Chinchpokli ...	477.31	125.2	1,344	1,314	2,658	44.5		225
	Love Grove ...	708.76	6.6	69	65	134	28.5	...	157
	Harbour, Docks, Railways and Unknown	...	...	...	...	...	...	...	...
	Total ...	16,761.57	88.9	29,144	27,763	56,907	38.2	28.3	203

Table No. 2A.

STATEMENT OF BIRTHS BY SECTIONS AND MONTHS FOR THE YEAR 1944.

Ward No.	Name of Section.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1	Upper Colaba ...	18	17	14	40	23	17	12	9	27	18	14	9	218
	Middle and Lower Colaba. ...	86	40	86	53	67	47	83	76	70	78	90	89	865
2	Fort, Southern ...	14	37	20	31	20	18	19	20	27	32	33	30	301
	Fort, Northern ...	80	83	79	50	74	85	80	90	87	103	92	102	1,005
3	Esplanade ...	42	54	53	55	64	56	54	61	70	68	70	74	721
	Mandvi ...	148	143	139	74	55	48	51	51	80	77	86	75	1,027
4	Chakla ...	58	67	78	62	61	65	64	65	69	97	75	72	833
	Umarkhadi ...	164	117	153	58	158	143	185	176	177	168	150	172	1,821
5	Dongri ...	77	71	70	55	64	58	45	86	91	107	67	65	856
	Khara Talao ...	95	54	93	69	86	59	80	52	96	80	69	96	929
	Kumbharwada ...	102	86	88	80	84	86	88	92	72	114	110	99	1,101
6	Bhuleshwar ...	158	124	140	116	106	107	112	92	144	139	118	137	1,493
	Market ...	110	115	118	121	112	80	83	94	97	110	124	118	1,282
7	Dhobi Talao ...	179	118	129	135	142	131	127	149	165	176	187	173	1,811
	Fanaswadi ...	160	118	121	108	112	119	119	100	116	144	146	150	1,513
8	Khetwadi ...	217	147	193	150	146	129	158	150	163	162	211	228	2,054
	Tardeo ...	118	90	93	83	102	116	105	116	130	142	144	140	1,379
9	Girgaum ...	161	148	166	171	143	114	132	135	155	177	199	229	1,930
	Chowpati ...	84	78	72	74	65	73	67	69	77	82	104	107	952
10	Walkeshwar ...	61	54	63	62	55	45	46	64	57	62	72	88	729
	Mahalaxmi ...	133	194	197	157	125	42	159	140	149	174	159	212	1,841
11	Mazgaon ...	185	164	135	124	122	122	128	138	150	186	169	149	1,772
	Tarwadi ...	158	146	153	120	116	135	118	120	137	150	157	165	1,675
12	First Nagpada ...	44	40	57	39	38	25	20	53	42	40	56	37	491
	Second Nagpada ...	88	151	126	84	93	107	96	94	101	111	112	126	1,289
	Kamathipura ...	130	132	107	99	118	103	92	95	125	124	124	125	1,374
13	Byculla ...	344	306	310	245	275	290	275	256	317	345	334	312	3,609
14	Parel ...	311	347	344	336	290	311	302	277	283	311	336	359	3,807
15	Sewri ...	117	121	110	94	87	96	101	83	92	118	133	120	1,272
	Naigaum ...	212	216	197	193	151	166	172	176	168	181	204	227	2,263
16	Matunga ...	162	86	141	116	118	123	126	116	113	143	137	142	1,523
	Sion ...	84	81	83	77	71	89	92	76	75	82	88	96	994
17	Dadar ...	226	195	216	160	131	187	185	187	210	226	221	249	2,393
	Mahim ...	190	196	146	126	123	150	173	174	143	181	211	180	1,993
18	Parbhadevi ...	239	170	191	165	171	222	202	218	211	227	262	274	2,552
	Worli ...	217	206	183	159	203	177	189	192	199	265	249	208	2,447
19	Chinchpokli ...	237	240	203	268	217	192	207	203	219	218	217	237	2,658
	Love Grove ...	17	17	9	9	4	11	6	14	10	6	11	20	134
	Harbour, Docks, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	5,226	4,769	4,876	4,218	4,192	4,144	4,353	4,359	4,714	5,224	5,341	5,491	56,907

Table No. 3.

TABLE OF POPULATION AND BIRTHS BY COMMUNITIES OR CASTES IN 1944.

Race or Caste.	Population		Births				
	By the Census of 1931	By the Census of 1941	Registered in 1944			Number per 1,000.	
			Males.	Females.	Total.	1943	1944
Jains ...	12,424	33,281	883	777	1,660	23·9	36·4
Brahmins ...	75,966	1,24,438	1,979	1,908	3,887		
Lingaits ...	347	1,736	196	184	380		
Bhatias ...	5,895	6,568	161	142	303		
Banias ...	50,822	34,921	985	913	1,898		
Hindus of other Castes ...	5,53,580	7,38,751	13,371	12,737	26,108		
Scheduled class ...	1,03,251	1,21 352	4,156	3,945	8,101	59·4	66·8
Mussalmans ...	2,09,246	2,51,318	4,330	4,137	8,467	29·6	33·7
Parsees ...	57,765	59,813	580	585	1,165	15·8	19·5
Jews ...	8,621	10,390	232	193	425	38·4	40·9
Indian Christians ...	64,269	78,149	1,921	1,930	3,851	39·1	49·3
Anglo-Indians ...	7,039	8,797	104	91	195	23·1	22·2
Europeans ...	9,420	13,001	159	140	299	23·2	23·0
Buddhists ...	1,630	912	38	52	90	87·7	98·7
Other and unknown Castes	1,108	6,456	49	29	78	12·4	12·1
Total ...	11,61,383	14,89,883	29,144	27,763	56,907	29·5	38·2

(The rates 23·9 and 36·4 are bracketed together for Jains, Brahmins, Lingaits, Bhatias, Banias and Hindus of other Castes.)

Table No. 3-A.

Table showing the Number of Births by Months during the years 1941, 1942, 1943 & 1944, and the average for the years (1939-1943)

Period.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1939—43...	3,378	2,781	2,684	2,756	2,827	2,712	2,876	3,057	3,434	3,827	3,849	4,251	38,432
1941 ...	3,629	2,846	3,108	2,953	3,013	2,860	2,997	3,201	3,499	3,799	3,863	4,186	39,954
1942 ...	3,593	3,005	2,139	1,995	2,047	1,882	1,999	2,194	2,446	3,240	3,373	3,623	31,536
1943 ...	2,863	2,141	2,295	2,909	3,153	3,372	3,458	3,732	4,409	4,970	5,186	5,527	44,015
1944 ...	5,226	4,769	4,876	4,218	4,192	4,144	4,353	4,359	,4714	5,224	5,341	5,491	56,907

Table No. 4.

TABLE SHOWING CASES OF INFECTIOUS DISEASES NOTIFIED FROM ALL SOURCES DURING THE YEAR 1944.

1	2	3														
		Total Number of Cases notified in each Section.														
Ward.	Sections.	Cholera.	Small-pox.	Plague.	Enteric Fever.	Diph-theria.	Typhus.	Relapsing Fever.	Kala Azar	Puerperal Fever.	Tuber-culosis.	Leprosy.	Influenzal Pneumonia	Cerebro Spinal Meningitis.	Scarlet Fever.	Total.
1	Upper Colaba	...	8	...	8	12	13	...	...	...	6	...	...	2	...	49
1	Middle and Lower Colaba ...	1	21	...	29	9	3	...	...	1	33	...	1	1	...	99
2	Fort, Southern	...	44	...	15	6	3	...	...	...	23	...	...	1	...	92
2	Fort, Northern	...	105	...	31	5	...	...	...	...	58	...	...	2	...	201
3	Esplanade	...	72	...	18	13	5	...	...	2	57	1	...	3	...	171
3	Mandvi	...	65	...	9	5	1	...	...	...	37	...	1	7	...	125
4	Chukla	...	23	...	1	4	1	...	...	...	31	...	...	1	...	61
4	Umarkhadi	...	166	...	24	14	...	...	...	1	85	...	...	5	...	295
5	Dongri	...	34	...	25	8	...	...	...	...	43	...	...	8	...	118
5	Khara Talao	...	56	...	16	5	...	...	...	1	35	...	...	3	...	116
6	Kumbharwada	...	80	...	8	12	...	...	...	...	69	...	...	1	...	170
6	Bhuleshwar	...	74	...	19	10	...	...	...	1	61	...	...	6	...	171
7	Market	...	40	...	15	7	2	...	...	1	31	...	...	3	...	99
7	Dhobi Talao	...	149	...	35	13	4	...	...	...	66	...	...	6	...	273
8	Fanaswadi	...	80	...	25	7	...	...	...	...	42	...	...	8	...	163
8	Khetwadi	...	136	...	32	7	1	...	...	1	76	...	...	4	...	257
9	Tardeo	...	81	...	23	11	...	...	...	...	50	...	...	1	...	166
9	Girgaum	...	47	...	18	12	1	...	...	...	80	1	1	2	...	162
10	Chowpati	...	50	...	16	5	1	...	...	...	38	...	...	1	...	111
10	Walkeshwar	...	14	...	7	4	...	...	...	...	12	...	...	1	...	38
11	Mahalakshmi	...	92	...	32	18	1	...	...	...	92	1	...	5	...	241
11	Mazagon	...	154	...	28	14	...	...	...	...	48	1	...	8	...	253
12	Tarwadi	...	152	...	22	6	1	...	...	2	111	...	...	2	...	296
12	1st Nagpada	...	30	...	6	2	1	...	...	1	38	...	...	...	...	78
12	2nd Nagpada	...	120	...	15	10	...	...	...	...	213	4	...	3	...	365
12	Kamathipura	...	136	...	9	3	...	...	...	1	67	...	...	...	...	216
13	Byculla	...	525	...	167	88	4	...	...	1	107	...	...	37	...	929
14	Parel	...	115	...	73	23	2	...	...	1	91	...	...	16	...	321
15	Sewri	...	61	...	14	3	...	...	...	...	33	...	...	4	...	115
15	Naigaum	...	88	...	42	9	1	...	...	1	54	1	...	2	...	198
16	Matunga	...	66	...	45	20	...	...	...	...	29	18	...	3	...	181
16	Sion	...	35	...	25	11	...	...	...	...	30	41	...	3	...	145
17	Dadar	...	112	...	41	11	...	...	...	3	57	...	...	8	...	232
17	Mahim	...	82	...	33	21	...	...	...	...	66	...	...	2	...	204
18	Prabhadevi	...	231	...	27	13	...	...	...	...	53	...	...	5	...	329
18	Worli	...	124	...	30	9	...	...	...	...	44	...	...	4	...	211
19	Chinchpokli	...	258	...	22	5	...	...	...	...	37	1	...	8	...	331
19	Love Grove	...	14	...	2	...	1	...	...	...	2	...	...	1	...	20
	Harbour, Docks, etc. ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
	Total ...	1	3,741	...	1,008	435	46	...	...	18	2,105	69	3	177	...	7,603
	[illegible]	9	1,439	1	1,0[illegible]6	294	10	...	...	29	2,127	76	16	127	2	5,196

Table No. 5.

Table of Cases treated at all the Municipal Dispensaries during 1944.

Description of diseases	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Measles ...	3	1	2	4	2	...	...	...	...	...	2	3	18
Whooping Cough ...	10	5	14	9	10	14	9	4	3	6	2	7	93
Dengue ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza ...	1,989	1,936	1,866	2,478	1,767	1,546	1,761	2,511	3,031	2,920	2,206	1,775	25,786
Dysentery ...	142	150	163	222	290	196	288	432	337	234	163	164	2,781
Diarrhoea ...	616	485	679	804	672	675	1,038	1073	934	625	634	695	8,930
Malarial Fever ...	104	88	80	93	62	95	122	107	88	108	86	70	1,103
Fever not defined ...	814	806	947	1,344	1.175	968	993	1,097	1,280	1,217	1,004	959	12,604
Bronchitis ...	164	91	141	131	94	72	78	92	97	96	89	129	1,274
Pneumonia ...	43	32	37	24	34	44	69	42	22	28	26	18	419
Diseases of the teeth ...	360	341	436	388	408	411	359	436	366	409	413	351	4,678
Ophthalmia ...	273	236	284	281	315	405	404	328	324	307	260	259	3,676
Corneal Ulcer ...	3	3	2	5	...	7	1	5	6	4	1	5	42
Ringworm ...	292	205	330	322	433	493	517	675	635	691	542	457	5,592
Scabies ...	1863	1,711	1,892	1,712	1,281	1080	1,362	2,085	2,229	2,139	2,129	1,913	21,396
Worms ...	429	368	457	494	507	545	488	499	533	484	468	456	5,728
All other diseases and injuries	9,185	8,735	10,545	11,147	10,333	10,387	10,533	11,750	12,376	12,024	10,462	9,288	1,26,765
Leprosy ...	...	...	...	...	1	...	...	...	...	...	1	...	2
Total new cases ...	16,290	15,193	17,875	19,458	17,384	16.938	18,022	21,137	22,261	21,292	18,488	16,549	2,20,887

Including 2594 cases treated at the Maratha Hospital Out door dispensary

Note.—This Table does not include the number of patients treated at the three Dispensaries for Tuberculosis (*see* page 11) and at those for Women and Children (*see* page 19).

Table No. 6.

DEATHS FROM ALL CAUSES BY SECTIONS AND AGE-PERIOD IN 1944.

1	2	3	4	5	6	7	8	9	10	11	12	13	14			15	16	
Wards.	Sections.	Under 1 year.	1 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 years and upwards.	Age unspecified.	TOTAL DEATHS			No. of deaths among males to 100 deaths among females.	Ratio of deaths per 1,000 of population.	
													Males.	Females.	Persons.		1941	Mean during the previous 5 years.
1	Upper Colaba ...	23	8	1	...	3	44	23	9	12	7	...	93	37	130	251	15.6	14.2
1	Middle and Lower Colaba ...	154	85	13	11	12	64	50	35	40	104	...	319	249	568	123	16.9	14.6
1	Fort, Southern ...	33	13	7	4	7	30	24	11	14	32	...	127	48	175	264	13.06	9.9
2	Fort, Northern ...	186	115	22	12	20	83	61	66	54	111	...	413	317	730	130	25.5	20.8
2	Esplanade ...	125	61	15	11	10	77	47	63	48	72	1	340	190	530	178	28.6	23.5
3	Mandvi ...	215	118	40	13	21	66	54	54	45	81	...	417	290	707	143	18.1	17.3
3	Chukla ...	124	42	16	10	10	42	39	39	36	79	...	268	169	437	158	19.8	16.2
4	Umarkhadi ...	371	215	53	30	54	149	119	97	98	231	...	789	628	1,417	125	27.1	22.8
4	Dongri ...	157	107	20	19	11	55	39	57	56	94	...	360	255	615	141	28.2	24.5
5	Khara Talao ...	169	80	26	22	17	60	54	48	50	108	...	360	274	634	131	17.1	16.4
5	Kumbharwada ...	259	177	29	10	26	95	81	66	35	93	...	492	419	911	117	30.6	24.6
6	Bhuleswar ...	287	165	39	27	32	103	93	73	79	164	...	596	466	1,062	127	38.3	22.6
6	Market ...	246	117	30	18	26	77	61	51	57	83	...	427	339	766	125	22.3	17.8
7	Dhobi Talao ...	322	214	59	21	45	131	90	102	105	204	...	716	577	1,293	124	27.5	16.2
7	Fanaswadi ...	282	153	52	23	43	94	61	53	72	139	...	516	456	972	113	27.4	19.3
8	Khetwadi ...	368	165	68	20	45	142	113	118	116	226	...	739	642	1,381	115	26.2	19.9
8	Tardeo ...	279	227	34	15	36	98	90	75	86	149	...	586	503	1,089	116	30.9	24.4
9	Girgaum ...	364	194	34	22	49	123	101	90	77	156	...	624	586	1,210	106	22.4	15.7
9	Chowpati ...	95	49	14	5	18	54	37	30	25	86	...	224	189	413	118	18.1	13.8
10	Walkeswar ...	94	47	8	4	5	33	25	44	35	83	...	218	160	378	136	15.2	12.7
10	Mahalakshmi ...	317	221	52	25	33	153	112	95	90	259	...	723	634	1,357	114	24.8	19.3
11	Mazagaon ...	371	298	49	29	41	147	142	77	82	168	...	788	616	1,404	127	31.7	20.8
11	Tarwadi ...	361	231	30	13	28	143	132	86	72	133	...	694	535	1,229	129	31.6	25.6
12	1st Nagpada ...	122	100	9	6	10	35	27	18	17	42	...	198	188	386	105	34.8	21.6
12	2nd Nagpada ...	262	166	43	21	47	215	225	211	170	276	...	1,057	579	1,636	182	53.3	32.8
12	Kamathipura ...	421	290	65	31	39	160	129	105	87	198	...	762	761	1,523	100	35.9	29.05
13	Byculla ...	1,004	557	125	70	102	360	324	191	163	423	...	1,762	1,557	3,319	113	34.4	25.6
14	Parel ...	711	434	98	58	66	302	253	177	142	244	...	1,388	1,097	2,485	126	34.7	23.9
15	Sewri ...	342	252	46	29	28	103	103	47	49	95	...	592	502	1,094	117	34.3	26.5
15	Naigaum ...	465	440	70	28	54	171	139	82	79	193	...	894	827	1,721	108	32.9	...
16	Matunga ...	232	93	26	15	25	60	53	46	49	97	...	362	334	696	108	15.9	...
16	Sion ...	196	161	24	15	15	79	76	61	26	86	...	417	322	739	129	33.5	29.2
17	Dadar ...	483	416	67	23	29	146	131	95	72	174	...	894	742	1,636	120	32.3	...
17	Mahim ...	336	207	40	30	31	131	113	74	68	202	...	624	608	1,232	102	27.5	25.8
18	Parbhadevi ...	553	407	71	28	39	206	154	68	94	230	...	981	869	1,850	112	31.4	...
18	Worli ...	562	463	77	29	36	166	127	91	110	191	...	994	858	1,852	115	32.6	30.7
19	Chinchpokli ...	599	389	82	27	36	172	179	110	104	211	6	1,037	878	1,915	118	32.0	...
19	Love Grove ...	21	18	3	2	...	2	9	7	5	8	...	46	29	75	158	15.9	...
	Harbour, Docks, etc. ...	1	9	4	5	9	62	75	40	30	27	53	294	21	315	1,400	8.7	...
	Total ...	11,552	7,484	1,561	781	1,176	4,433	3,765	2,862	2,649	5,559	60	23,131	18,751	41,882	...		...
	Average of five years 1939-43 ...	7,826	4,872	931	538	822	3,221	3,927	2,394	21,50	4,330	1			30,012			

Table No. 6A

TABLE SHOWING INFANT MORTALITY BY SECTIONS AND MONTHS IN 1944.

Ward No.	Name of Section.	Months.												Total.
		Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	
1	Upper Colaba ...	3	...	...	1	2	2	1	1	6	4	...	3	23
	Middle and Lower Colaba. ...	7	8	13	9	9	21	11	15	12	17	17	15	154
	Fort, Southern ...	5	3	2	2	2	4	3	2	4	1	5	...	33
2	Fort, Northern ...	22	11	16	13	8	17	26	16	10	22	12	13	186
	Esplanade ...	7	11	11	8	11	9	9	14	8	16	13	8	125
3	Mandvi ...	28	29	29	29	10	16	18	10	15	14	8	9	215
	Chukla ...	8	10	8	13	9	12	14	11	12	8	10	9	124
4	Umarkhadi ...	36	25	22	36	29	32	31	36	35	29	30	30	371
	Dongri ...	16	5	21	12	20	10	10	14	20	12	9	8	157
5	Khara Talao ...	6	8	19	14	19	14	16	16	13	19	14	11	169
	Kumbharwada ...	17	33	30	28	24	16	25	29	18	35	24	20	299
6	Bhuleshwar ...	17	27	44	26	28	20	13	23	20	27	20	22	287
	Market ...	17	23	26	22	14	19	28	15	30	22	18	12	246
7	Dhobi Talao ...	23	28	33	28	32	17	35	39	25	23	21	18	322
	Fanaswadi ...	20	19	32	30	35	16	24	18	24	16	27	21	282
8	Khetwadi ...	30	28	32	30	30	39	23	39	37	30	24	26	368
	Tardeo ...	25	26	27	28	21	13	23	20	30	28	18	20	279
9	Girgaum ...	21	30	26	39	22	22	46	29	33	38	35	19	364
	Chaupati ...	3	8	9	6	4	8	12	6	13	5	9	12	95
10	Walkeshwar ...	8	7	5	4	9	5	8	6	11	7	10	14	94
	Mahalaxmi ...	25	23	33	25	25	21	29	27	25	25	25	29	317
11	Mazgaon ...	26	36	37	26	26	30	30	43	31	33	28	25	371
	Tarwadi ...	37	35	39	42	26	24	31	22	27	34	22	22	361
12	1st Nagpada ...	17	9	17	7	8	5	10	13	6	12	8	10	122
	2nd Nagpada ...	22	25	23	29	25	20	14	20	21	25	22	16	262
	Kamathipura ...	36	27	42	38	30	33	32	36	36	38	30	43	421
13	Byculla ...	89	116	110	76	69	81	78	85	77	61	87	75	1,004
14	Parel ...	60	66	67	60	49	62	70	55	65	52	51	54	711
15	Sewri ...	19	23	21	33	38	33	35	35	43	23	24	15	342
	Naigaum ...	30	31	35	31	58	39	42	39	50	42	31	37	465
16	Matunga ...	15	17	23	24	20	24	24	19	18	19	20	9	232
	Sion ...	13	16	16	18	16	20	14	22	26	10	14	11	196
17	Dadar ...	28	35	41	28	46	43	43	53	43	45	40	38	483
	Mahim ...	14	19	32	32	25	20	39	40	39	38	19	19	336
18	Parbhadevi ...	36	55	46	51	43	51	43	58	53	37	45	35	553
	Worli ...	28	37	47	64	55	37	50	65	49	57	37	36	562
19	Chinchpokli ...	55	62	55	50	46	48	59	56	54	49	33	32	599
	Love Grove ...	2	1	1	1	6	1	1	2	2	2	2	...	21
	Harbour, Docks, etc. ...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Total ...	876	972	1,095	1,013	949	904	1,020	1,049	1,041	975	862	796	11,552

Table No. 7.

DEATHS BY CASTES AND AGES IN THE YEAR 1944.

Caste.	Under 7 days		1 to 4 weeks		4 weeks to 6 months		6 to 12 months		1 to 2 years		2 to 5 years		5 to 10 years		10 to 15 years		15 to 20 years		20 to 30 years		30 to 40 years		40 to 50 years		50 to 60 years		60 and over		Age unspecified		All ages.			Average of five years 1939-43.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Persons.	
Jains ...	15	18	10	7	19	25	32	23	22	23	21	16	12	8	8	5	11	5	16	21	21	18	36	15	35	13	36	28	...	...	294	225	519	505
Brahmins ...	78	54	59	38	109	105	104	123	103	113	74	77	53	45	27	26	35	35	149	148	128	94	116	59	129	46	190	169	...	...	1,352	1,132	2,484	1,726
Lingayats ...	25	18	19	21	21	26	28	26	35	38	37	50	12	16	10	9	1	15	15	22	20	18	9	16	10	6	31	31	...	...	273	312	585	453
Bhatias ...	5	2	5	2	8	6	12	7	7	4	7	3	4	3	5	4	2	5	3	8	5	5	7	5	14	5	29	19	...	...	113	78	191	159
Banias ...	39	29	20	17	57	43	52	48	49	52	21	32	15	25	15	7	19	15	31	48	30	33	61	22	54	22	93	44	...	...	556	437	993	691
Hindus, Other Castes ...	730	550	528	410	852	734	836	895	853	888	706	831	349	349	180	154	335	257	1,299	961	1,199	693	963	336	824	298	1,121	1,054	3	...	1,0778	8,410	19,188	13,369
Hindus, Low Castes ...	223	164	166	143	330	316	360	346	487	510	515	577	145	165	34	64	45	84	190	267	228	216	195	107	184	94	312	315	...	...	3,413	3,368	6,782	4,773
Mahomedans ...	197	158	152	132	286	275	240	245	234	243	256	280	143	128	70	105	82	123	472	420	447	272	460	146	421	125	729	417	1	...	4,190	3,069	7,259	5,422
Parsees ...	15	9	5	9	10	7	10	14	4	1	7	4	3	11	5	5	4	6	16	16	22	25	35	25	71	43	251	273	...	...	458	448	906	853
Jews ...	8	2	5	4	9	11	7	6	6	6	3	3	3	...	1	3	2	3	9	9	6	5	8	4	11	8	23	32	...	...	101	96	197	178
Indian Christians	73	73	59	55	128	165	93	81	76	71	47	79	34	32	17	26	46	39	139	88	108	91	128	51	119	63	160	120	...	...	1,227	1,031	2,258	1,573
Anglo-Indians ...	1	3	1	2	6	2	2	5	2	2	3	3	2	1	1	...	1	1	3	12	6	10	5	5	7	5	16	14	...	...	55	65	120	102
Europeans ...	1	6	...	...	2	...	4	1	...	1	1	...	2	...	...	...	3	...	59	2	32	8	17	10	16	7	22	20	...	...	159	55	214	147
Negro Africans ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buddhists ...	2	1	2	2	7	3	2	1	1	1	1	...	1	...	...	...	1	...	3	3	13	...	15	2	18	1	8	...	...	...	74	14	88	37
Other and unknown castes.	6	7	1	...	1	1	...	...	...	1	...	...	...	...	...	...	1	...	2	1	12	...	4	...	2	...	3	...	56	...	88	10	98	23
Total Male ...	1,418		1,032		1,844		1,782		1,879		1,699		778		373		588		2,406		2,277		2,059		1,913		3,023		60		23,131			
Total Female		1,094		842		1,719		1,821		1,954		1,952		783		408		588		2,027		1,488		803		736		2,536				18,751		
Persons. ...	2,512		1,874		3,563		3,603		3,833		3,651		1,561		781		1,176		4,433		3,765		2,862		2,649		5,559		60		41,882			
Average of five years 1939-43.	1,885		1,250		2,209		2,482		2,650		2,222		931		538		822		3,222		2,927		2,394		2,149		4,330		1					30,012

Table No. 8.

DEATHS BY AGES AND MONTHS IN 1944.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Average of five years 1939-43.
Under 7 days... ...	158	172	192	173	194	202	225	261	269	276	197	193	2,512	1,885
1 to 4 weeks	152	124	152	135	124	131	148	219	197	179	179	134	1,874	1,250
4 weeks to 6 months ...	310	374	389	352	248	248	304	292	265	257	258	266	3,563	2,209
6 months to 12 months...	256	302	362	353	383	323	343	277	310	263	228	203	3,603	2,482
1 to 2 years	362	359	390	346	357	294	281	339	293	297	255	260	3,833	2,650
2 to 5 years	375	381	439	362	315	260	275	305	273	278	203	185	3,651	2,222
5 to 10 years	128	179	219	172	109	110	102	120	105	116	99	102	1,561	931
10 to 15 years	67	78	90	81	45	60	56	58	81	57	45	63	781	538
15 to 20 years	89	137	140	128	97	75	85	78	88	95	81	83	1,176	822
20 to 30 years	389	444	498	489	373	314	285	287	351	379	303	321	4,433	3,222
30 to 40 years	284	294	357	414	324	255	318	308	319	338	267	287	3,765	2,927
40 to 50 years	246	239	263	301	220	228	201	219	221	257	241	226	2,862	2,394
50 to 60 years	219	238	227	238	227	206	205	206	226	209	210	248	2,649	2,149
60 and over	487	505	478	515	469	399	387	447	471	468	447	486	5,559	4,330
Ages Unspecified ...	...	...	1	...	55	4	...	...	...	...	...	...	60	1
Total ...	3,522	3,826	4,187	4,059	3,540	3,109	3,215	3,416	3,469	3,469	3,013	3,057	41,882	
Average of five years 1939-43.	2,575	2,405	2,545	2,421	2,354	2,283	2,594	2,673	2,480	2,644	2,462	2,576		30,012

Table No. 9.

TABLE OF DEATHS BY SECTIONS AND MONTHS IN 1944.

Ward No.	Localities: Name of Sections.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	TOTAL.
1.	Upper Colaba ...	6	5	4	7	10	10	19	8	18	17	10	16	130
	Middle and Lower Colaba.	41	40	49	46	50	52	43	48	42	59	54	44	568
	Fort, Southern ...	26	12	15	12	10	14	17	16	16	11	21	5	175
2.	Fort, Northern ...	59	61	80	84	43	51	63	70	61	52	48	58	730
	Esplanade	49	53	52	41	53	31	35	42	43	45	39	47	530
3.	Mandvi	84	91	98	80	39	41	50	34	51	42	47	50	707
	Chukla	36	48	40	41	41	39	36	29	36	35	25	31	437
4.	Umarkhadi	133	119	146	125	117	110	104	121	108	111	106	117	1,417
	Dongri	58	59	73	59	64	38	39	49	51	51	35	39	615
5.	Khara Talao ...	47	45	76	57	60	43	46	60	56	50	42	52	634
	Kumbharwada ...	69	104	87	87	77	65	70	76	60	79	66	71	911
6.	Bhuleshwar	86	94	142	108	96	75	55	78	81	101	65	81	1,062
	Market	58	68	101	73	57	47	77	48	61	61	51	64	766
7.	Dhobi Talao ...	122	122	140	142	118	96	85	108	86	99	76	99	1,293
	Fanaswadi	76	84	102	93	93	75	87	79	64	58	84	77	972
8.	Khetwadi	123	121	115	111	121	109	97	142	113	126	93	110	1,381
	Tardeo	111	108	108	100	78	68	68	65	94	105	86	98	1,089
9.	Girgaum	81	107	98	126	105	86	111	88	106	115	98	89	1,210
	Chowpati	44	46	41	34	18	34	41	33	32	24	33	33	413
10.	Walkeshwar	36	20	36	35	37	31	23	33	25	33	34	35	378
	Mahalakshmi ...	119	126	131	103	117	103	89	112	129	127	101	100	1,357
11.	Mazagaon	123	136	154	130	104	104	114	116	98	115	107	103	1,404
	Tarwadi	122	116	148	134	79	88	108	90	90	97	76	81	1,229
12.	1st Nagpada	43	36	51	22	26	22	29	33	30	36	34	24	386
	2nd Nagpada ...	130	139	166	187	133	119	136	113	124	150	122	117	1,636
	Kamathipura... ...	145	150	152	145	109	120	109	106	105	134	119	129	1,523
13.	Byculla	298	407	359	304	241	213	231	256	286	235	259	230	3,319
14.	Parel	231	207	240	242	217	198	200	207	199	194	183	167	2,485
15.	Sewri	73	90	80	88	129	89	93	99	121	96	75	61	1,094
	Naigaum	108	131	157	142	164	152	141	157	159	153	120	137	1,721
16.	Matunga	61	62	63	68	60	60	56	63	55	57	50	41	696
	Sion	52	62	53	57	64	64	50	62	84	65	78	48	739
17.	Dadar	111	120	149	121	146	126	137	154	155	160	130	127	1,636
	Mahim	80	96	109	126	94	91	109	135	126	121	65	80	1,232
18.	Parbhadevi	143	174	183	168	179	148	143	162	160	129	141	120	1,850
	Worli	137	157	166	183	156	126	151	177	171	168	132	128	1,852
19.	Chinchpokli	179	187	203	179	164	158	141	141	163	149	105	146	1,915
	Love Grove	4	5	4	5	9	7	4	6	10	9	3	2	75
	Harbour, Docks, etc. ...	18	18	16	194	62	6	1	...	...	...	...	...	315
	TOTAL ...	3,522	3,826	4,187	4,059	3,540	3,109	3,215	3,416	3,469	3,469	3,013	3,057	41,882

Table

TABLE OF DEATHS BY CAUSES

Wards.	SECTIONS. / Classification Numbers	1 Typhoid and Para-Typhoid Fever (1-2).	2 Cerebro-Spinal Fever (6)	3 Scarlet Fever (8)	4 Whooping Cough (9)	5 Diphtheria (10)	6 Tuberculosis of Respiratory System (13)	7 Other forms of Tuberculosis (14-22).	8 Syphilitic disease (30)	9 Influenza (33)	10 Measles (35)	11 Acute Poliomyelitis & Polio Encephalitis (36)	12 Acute infectious Encephalitis (37)	13 M Cancer of buccal cavity and Oesophagus (45, 46A) males.	13 F Cancer of uterus (48)	14 Cancer of Stomach and duodenum (46B)	15 Cancer of brest (50)	16 Cancer of all oth-r sites (45-46A females, 46c-h 47, 49, 51-55)	17 Diabetes (61)	18 Intra-Cranial Vascular Lesions (83)	19 Heart Disease (90-95)	20 Other diseases of circulatory System (96-103)	21 Bronchitis (106)	22 Pneumonia (107-109)	23 Other Respiratory Diseases (104, 105, 110-114)
1	Upper Colaba ...	1	...	...	...	...	3	3	1	...	...	6	...	1	...	1	...	1	1	...	2	...	...	16	2
	Middle & Lower Colaba	3	1	...	...	1	24	5	5	2	2	1	...	...	3	...	2	8	2	6	22	5	6	131	25
	Fort, Southern ...	6	...	...	...	1	14	2	2	...	...	2	...	...	...	2	...	4	1	5	10	4	2	25	3
2	Fort, Northern ...	10	1	...	...	...	36	13	4	...	9	2	...	2	...	4	1	11	5	12	14	2	4	174	19
	Esplanade ...	5	2	...	1	...	39	10	1	1	3	1	...	1	...	2	1	8	1	5	15	1	6	110	20
3	Mandvi ...	4	4	...	...	3	25	8	1	1	13	...	...	3	...	1	...	4	2	4	14	1	4	268	34
	Chukla ...	...	1	...	...	1	24	5	1	...	...	...	...	1	...	...	...	7	...	7	13		5	96	24
4	Umarkhadi ...	6	1	...	1	2	55	25	1	...	12	1	1	2	...	1	...	12	2	15	15	3	23	333	62
	Dongri ...	7	6	...	...	...	31	10	...	...	2	...	...	1	1	1	...	1	1	5	13	2	8	136	21
5	Khara Talao ...	8	2	...	...	...	28	6	...	...	6	...	...	...	...	...	...	9	5	5	7	5	69	168	11
	Kumbharwada ...	3	...	...	...	3	58	12	2	2	20	...	...	...	2	1	1	2	1	9	6	3	12	257	40
6	Bhuleshwar ...	12	3	...	...	4	39	8	1	...	16	...	...	2	...	1	...	11	4	6	16	1	62	336	26
	Market ...	20	2	...	...	2	32	7	...	1	11	...	...	3	2	...	...	4	1	10	16	6	11	238	29
7	Dhobi Talao ...	31	2	...	2	...	75	16	4	2	38	...	1	3	1	4	2	13	7	15	25	5	17	292	60
	Fanaswadi ...	12	4	...	3	...	36	17	...	1	22	...	...	1	2	1	...	11	1	12	14	1	5	280	33
8	Khetwadi ...	34	1	...	...	4	55	14	7	7	11	...	1	3	2	3	...	16	8	19	34	8	10	323	52
	Tardeo ...	11	...	...	...	3	27	15	2	1	19	...	...	...	...	...	...	8	2	14	9	3	2	340	63
9	Girgaum ...	16	3	...	2	4	52	22	2	3	21	...	...	...	...	...	1	6	4	13	24	5	10	300	24
	Chowpati ...	8	...	...	1	...	27	8	1	...	3	...	...	1	1	..	1	6	1	6	14	4	4	79	8
10	Walkeshwar ...	3	...	...	...	1	10	3	...	1	1	...	...	1	2	...	1	6	2	9	16	5	1	81	15
	Mahalakshmi ...	14	5	...	...	6	64	21	1	3	12	1	...	3	3	2	1	13	4	18	29	4	30	343	46
11	Mazagaon ...	11	2	...	1	2	27	13	...	1	25	...	...	1	...	3	...	7	1	10	8	3	10	437	17
	Tarwadi ...	11	2	...	...	...	68	10	...	...	16	...	...	...	...	2	1	4	4	5	14	3	5	494	31
12	1st Nagpada ...	4	...	...	1	...	10	7	...	...	16	...	...	1	...	...	...	1	...	1	...	...	4	103	7
	2nd Nagpada ...	8	1	...	...	1	179	21	5	...	8	1	...	...	...	1	...	5	1	28	25	5	45	333	61
	Kamathipura ...	2	...	...	...	...	40	11	6	...	55	...	...	...	...	3	...	4	1	5	5	2	6	495	65
13	Byculla ...	48	16	...	2	16	83	30	4	3	147	...	...	1	2	3	...	10	3	13	22	7	13	898	152
14	Parel ...	45	6	...	1	1	82	50	4	2	60	...	...	5	2	2	1	18	4	23	15	6	38	681	127
15	Sewri ...	6	4	...	...	2	19	4	1	...	19	...	...	...	...	...	...	...	...	6	4	...	6	431	29
	Naigaum ...	27	2	...	1	2	43	24	4	...	35	...	...	...	1	...	...	3	3	5	9	2	82	558	49
16	Matunga	14	...	...	2	3	23	11	1	...	6	...	...	...	1	...	1	8	3	11	21	4	7	128	30
	Sion ...	11	2	...	...	4	13	7	1	...	5	...	...	...	...	...	...	1	1	2	7	1	2	229	11
17	Dadar	12	5	...	2	...	36	13	...	2	...	1	1	1	...	...	...	4	2	10	9	2	3	583	33
	Mahim ...	14	1	...	...	2	47	16	2	2	2	...	...	1	2	3	1	10	5	14	10	4	10	297	41
18	Parbhadevi	11	3	...	...	4	23	13	...	1	25	1	...	...	...	...	...	4	2	7	6	3	9	619	128
	Worli ...	14	3	...	...	2	21	13	1	...	52	1	...	...	1	...	...	3	2	10	8	...	5	609	87
19	Chinch pokli	7	1	...	...	2	27	7	4	1	41	1	...	...	...	1	...	4	...	11	5	2	2	607	103
	Love Grove	...	...	...	...	...	3	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	23	1
	Harbour, Docks etc.	...	...	...	...	...	28	...	...	...	...	...	...	...	...	...	...	...	...	1	3	...	...	3	...
	Total ...	**459**	**86**	...	**20**	**76**	**1526**	**480**	**69**	**37**	**734**	**19**	**4**	**38**	**28**	**42**	**15**	**247**	**87**	**357**	**501**	**113**	**538**	**11,843**	**1,609**
		1	2	3	4	5	6	7	8	9	10	11	12	13 M	13 F	14	15	16	17	18	19	20	21	22	23

No. 10.

AND SECTIONS IN 1944.

24	25	26	27	28	29	30	31	32	33	34	35	36													
												OTHER DEFINED DISEASES													
												A	B	C	D	E	F	G	H	J	K	L	M		
Ulceration of stomach or duodenum (117)	Diarrhoea (119, 120)	Appendicitis (121)	Other Digestive Diseases (115, 116, 118, 122-129)	Nephritis (130-132)	Puerperal and Post abortive Sepsis (140, 147)	Other Maternal Causes (141-146, 143-150).	Premature birth (159).	Congenital malformation, birth injury (157, 158, 160, 161)	Suicide (163-164).	Road traffic accident (170-171).	Other Violent Causes (165-169, 172-198)	Small-pox (34).	Plague (3).	Kala Azar (29).	Malaria (28A)	Ague and Remittent fever (28B)	Relapsing fever (31).	Fever not Defined (200:2a).	Cholera (4).	Dysentery (27).	Leprosy (23).	Senility and old age (162)	All other causes	Still-born.	TOTAL.
...	1	4	6	1	1	...	6	8	3	1	29	4	...	...	5	...	...	1	...	2	...	4	16	6	130
1	23	1	11	10	2	4	23	57	1	...	16	9	...	...	5	4	...	2	...	7	...	47	91	52	568
1	4	...	6	5	...	2	6	8	1	...	12	9	...	...	1	1	...	4	...	2	...	7	23	19	175
3	24	4	23	11	...	5	29	45	1	5	30	29	...	...	7	2	...	13	...	10	...	39	127	65	730
...	17	2	9	8	2	2	17	45	1	1	32	20	...	1	5	1	...	2	...	6	1	23	107	34	530
3	13	2	7	3	...	7	18	55	...	4	35	16	...	...	2	...	...	5	...	7	...	43	93	49	707
...	20	...	3	4	...	3	17	43	1	1	9	11	...	...	3	4	...	3	...	2	...	41	86	33	437
...	38	...	14	6	2	6	39	117	1	5	32	42	...	...	1	89	...	9	...	7	...	176	259	122	1,417
1	19	...	10	3	...	3	25	51	...	8	31	15	...	...	5	21	...	2	...	2	...	56	117	64	615
...	10	1	6	2	2	4	19	58	...	1	9	18	...	...	...	...	...	1	...	4	...	59	111	48	634
...	30	...	17	7	2	2	32	62	...	...	18	44	...	...	4	12	...	4	...	4	...	63	176	66	911
2	14	2	20	6	3	4	33	62	4	2	20	33	...	...	8	5	...	3	...	14	...	94	185	65	1,062
2	26	2	21	10	2	5	29	53	2	1	18	17	...	...	6	2	...	8	...	6	...	31	130	48	766
...	69	2	33	16	1	3	56	85	4	7	16	70	...	...	10	6	...	7	...	9	...	95	190	102	1,293
1	19	3	32	11	3	3	39	51	2	1	18	42	...	...	4	4	...	13	...	6	...	63	195	61	972
...	34	2	33	17	2	7	60	109	4	4	35	49	...	...	3	7	...	10	...	5	...	113	275	113	1,381
...	23	1	20	8	...	5	24	101	2	4	11	37	...	...	4	64	...	8	...	4	1	107	145	86	1,089
3	27	1	30	16	2	10	54	101	3	2	14	15	...	...	2	15	...	16	...	8	1	93	287	88	1,210
1	12	...	12	8	1	1	14	29	...	2	12	16	...	...	3	6	...	7	...	1	...	36	79	79	413
...	11	1	12	7	1	1	12	35	...	1	3	3	...	1	1	6	...	4	...	2	...	45	74	31	378
2	35	3	33	16	1	...	46	181	...	4	31	22	...	...	10	28	...	7	...	12	...	135	231	75	13,57
1	56	1	14	3	...	5	40	108	2	7	26	39	...	...	2	12	...	51	...	12	...	135	311	94	1,404
...	22	1	11	7	2	1	44	97	2	9	14	50	...	...	4	4	...	27	...	8	...	79	177	87	1,229
1	14	...	5	2	2	1	20	17	...	2	8	6	...	...	2	7	...	1	...	1	...	36	106	41	386
3	46	...	21	10	...	3	26	92	8	13	155	36	...	...	10	5	...	6	...	16	5	118	335	124	1,636
2	47	2	8	2	1	3	39	176	...	4	18	35	...	...	...	9	...	3	...	3	...	140	311	87	1,523
2	106	1	18	18	2	6	76	370	8	11	41	165	...	...	3	206	...	17	...	65	...	341	390	236	3,319
1	81	4	63	20	2	16	104	228	2	5	41	51	...	...	13	51	...	25	...	15	...	127	460	266	2.485
...	22	...	7	2	...	...	24	161	1	4	23	18	...	...	1	39	...	3	...	5	...	78	174	82	1,094
...	61	1	35	4	1	4	58	124	1	13	49	27	...	...	6	82	...	7	...	16	1	126	255	159	1,721
2	50	1	23	9	...	2	26	48	1	6	22	39	...	...	3	12	...	5	...	12	9	30	122	71	696
1	23	1	13	3	1	1	14	73	...	4	17	15	...	...	8	74	...	8	...	17	47	41	81	40	739
...	31	...	24	10	2	2	36	210	1	8	27	35	...	...	5	22	...	11	...	33	...	134	326	136	1,636
...	38	2	25	6	2	9	37	149	1	3	20	45	...	...	1	28	...	10	...	40	...	149	183	114	1,232
1	119	1	20	4	3	6	24	210	...	7	18	117	...	...	5	3	...	6	...	38	...	161	243	179	1,850
2	40	...	15	1	...	7	45	182	2	3	17	67	...	...	5	5	...	10	...	16	...	122	481	165	1,852
...	65	1	13	5	1	5	27	221	1	8	30	123	...	...	3	20	...	6	...	27	...	136	397	174	1,915
...	1	...	2	1	...	...	1	6	...	1	1	2	...	...	...	...	...	1	...	...	...	7	32	7	75
	...	...	...	...	...	...	...	...	...	1	258	...	...	...	...	...	...	...	...	...	1	13	7	9	315
37	**1291**	**47**	**675**	**282**	**46**	**148**	**1239**	**3765**	**60**	**163**	**1216**	**1391**	...	**2**	**160**	**859**	...	**326**	..	**441**	**63**	**3348**	**7390**	**3374**	**41,882**
24	25	26	27	28	29	30	31	32	33	34	35	36													

Table No. 11.

COMPARATIVE TABLE OF DEATHS FROM SOME OF THE PRINCIPAL CAUSES AND BIRTHS DURING 1944 AND THE PRECEDING 10 YEARS.

	Births (excluding still-births).		Total Deaths.		Plague.		Small-pox.		Measles.		Cholera.		Influenza.		Enteric Fever.		Malaria.		Ague and Remittent Fever.		Tuberculosis.		Diarrhoea, Enteritis and Dysentery.		Respiratory Diseases.		Deaths under 1 year.		Deaths of Children (1 to 5 years.)			Maternal Deaths.	
	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000 Births Registered.	No. Registered.	Percentage to total deaths.	Still-born.	No. Registered.	Rate per 1,000 Births Registered.
...	33,724	29.0	27,370	23.6	31	0.0	152	0.1	161	0.1	13	0.0	93	0.1	240	0.2	101	0.1	1,397	1.2	1,856	1.6	1,280	1.1	10,056	8.7	8,253	245.0	4,540	16.6	2,365	251	7.0
...	34,428	29.6	29,289	25.2	1	0.0	1,248	1.1	264	0.2	13	0.0	72	0.1	232	0.2	97	0.1	1,339	1.2	1,929	1.7	1,235	1.1	10,641	9.2	8,455	245.6	5,537	18.9	2,329	197	5.4
...	35,905	30.9	29,934	25.8	2	0.0	906	0.8	145	0.1	5	0.0	71	0.1	292	0.2	91	0.1	1,332	1.2	1,993	1.7	1,475	1.3	10,601	9.2	8,946	249.1	4,340	17.8	2,429	184	4.8
...	35,455	30.5	30,768	26.5	...	0.0	688	0.6	211	0.2	4	0.0	63	0.1	344	0.3	73	0.1	1,293	1.1	2,037	1.7	1,662	1.4	11,241	9.7	8,688	245.0	5,740	18.7	2,340	165	4.4
...	36,743	31.6	35,999	31.0	...	0.0	1,852	1.6	269	0.2	1	0.0	80	0.1	507	0.4	103	0.1	1,065	0.9	2,078	1.8	1,862	1.6	13,584	11.7	9,801	267.0	7,111	19.7	2,565	186	4.7
...	37,822	32.6	30,520	26.3	...	0.0	201	0.2	102	0.2	...	0.0	58	0.0	249	0.2	171	0.1	761	0.6	2,034	1.7	1,551	1.3	10,772	9.3	8,008	211.7	4,575	15.0	2,726	169	4.2
...	38,833	33.4	29,100	25.0	...	...	834	0.7	243	0.2	6	0.0	42	0.0	399	0.3	98	0.1	732	0.6	1,934	1.7	1,270	1.1	9,441	8.1	7,823	201.4	4,763	16.4	2,652	166	4.0
..	39,954	26.8	31,096	20.9	...	0.0	1,293	0.8	199	0.1	7	0.0	44	0.0	554	0.4	88	0.5	668	0.4	1,692	1.7	1,374	0.9	10,186	6.8	8,445	211.4	5,052	16.2	2,654	152	3.6
..	31,536	21.2	25,177	16.9	...	0.0	591	0.4	186	0.1	...	0.0	28	0.0	375	0.2	109	0.1	400	0.3	1,581	1.0	1,132	0.8	7,698	5.2	6,164	195.4	3,825	15.2	2,009	122	3.6
..	44,015	29.5	34,165	22.9	2	0.0	519	0.3	303	0.2	9	0.0	53	0.0	557	0.4	154	0.1	797	0.5	1,950	1.3	1,744	1.2	11,139	7.5	8,690	197.4	6,164	18.2	3,129	143	3.0
	36,842	29.2	30,342	24.1	4	0.0	829	0.7	208	0.2	6	0.0	61	0.0	376	0.3	108	0.1	984	0.8	1,908	1.5	1,453	1.1	10,537	8.4	8,327	226.0	5,165	17.0	2,520	173	4.7
	38,432	28.2	30,013	22.1	0'0	0.0	683	0.5	207	0.1	4	0.0	45	0.0	429	0.3	124	0.1	672	0.5	1,838	1.3	1,414	1.0	9,847	7.2	7,826	203.6	4,876	16.2	2,634	150	3.9
	56,907	**38.2**	**41,882**	**28.1**	**...**	**0.0**	**1,391**	**0.9**	**734**	**0.5**	**...**	**0.0**	**37**	**0.0**	**459**	**0.3**	**160**	**0.1**	**853**	**0.6**	**2,006**	**1.3**	**1,735**	**1.2**	**13,990**	**9.4**	**11,552**	**203.0**	**7,484**	**17.8**	**3,374**	**194**	**3.4**

Table No. 12.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1944.

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	March	April	May	June	July	August	Sep.	Oct.	Nov.	Dec.
		I.—Infective and Parasitic Diseases.												
		(1-26) *Diseases due to bacteria*—												
1	1	Typhoid Fever ...	28	7	22	18	29	38	38	54	65	56	48	54
1	2	Para-typhoid Fever ...	...	...	...	...	...	...	...	...	...	1	1	...
2	6	Cerebro-spinal Meningitis ...	15	5	18	4	6	4	6	8	11	4	2	3
4	9	Whooping Cough ...	4	1	3	4	1	1	1	1	1	2	1	...
5	10	Diphtheria ...	6	4	5	3	7	7	3	9	7	8	9	8
36	11	Erysipelas ...	1	...	...	...	...	...	...	...	...	...	...	...
36	12	Tetanus ...	18	15	13	14	18	23	16	21	25	23	16	15
		(13-22) *Tuberculosis (all forms)*—												
6	13	Tuberculosis of the Respiratory System ...	147	113	135	135	136	125	129	111	116	147	109	123
7	14	Tuberculosis of the Meninges and Central Nervous System ...	16	19	26	22	15	20	16	18	21	26	9	26
7	15	Tuberculosis of the Intestines and Peritonium	16	19	12	20	15	9	13	20	11	17	11	10
7	16	Tuberculosis of the Vertibral Column ...	1	2	3	2	1	3	2	3	5	2	4	5
7	17	Tuberculosis of other bones and joints ...	...	1	2	...	2	...	1	2	2	1	...	...
7	18	Tuberculosis of the Skin and Subcutaneous Cellular Tissue ...	...	...	...	...	...	...	...	1	...	...	...	...
7	19	Tuberculosis of the Lymphatic System ...	...	...	1	...	3	...	...	1	...	...	2	2
7	20	Tuberculosis of the Genito Urinary System	1	...	...	1	...	...	...	...	...	...	...	...
7	21	Tuberculosis of other organs ...	...	...	...	...	...	...	...	...	...	...	...	...
7	22	Disseminated Tuberculosis ...	1	2	2	...	2	3	1	...	...	4	...	2
K	23	Leprosy ...	2	5	5	8	4	5	3	4	5	9	11	5
36	24	Purulent Infection and Septicacemia ...	12	5	11	15	7	8	9	6	11	5	11	5
36	25	Gonococcal Infection ...	...	...	...	...	...	1	...	...	...	3	...	1
J	27	Dysentery ...	28	26	33	48	58	58	44	44	45	30	11	19
D	28(*a*)	Malaria ...	16	10	15	11	15	14	8	10	16	17	15	13
E	28(*b*)	Remittent Fever ...	61	61	74	83	70	66	79	86	96	83	51	49
C	29(*a*)	Kala Azar ...	...	...	1	...	...	1	...	...	...	...	...	...
8	30	Syphilis ...	...	...	...	...	...	...	...	...	...	2	...	...
		(*a*) Locomotor Ataxia (Tabes dorsalis) ...	...	...	...	...	...	...	...	...	...	...	...	...
		(*b*) General Paralysis of the Insane ...	...	1	1	...	...	...	...	...	...	...	...	...
		(*c*) Aneurysm of Aorta ...	5	6	2	2	3	1	...	6	3	2	2	2
		(*D*) Other forms of Syphilis ...	2	1	1	3	1	...	...	2	1	...	1	1
		(*a*) Congenital Syphilis ...	2	...	...	1	...	4	1	...	...	2	1	...
		(*b. c. d.*) Other or Unspecified Syphilis ...	...	...	...	...	...	...	1	...	1	2	2	1
36	32	Other Diseases due to Spiro Chaetes ...	...	...	...	...	2	...	...	...	...	...	...	...
9	33	Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) With respiratory complications ...	4	4	2	5	1	5	4	1	...	2	1	2
		(*b*) Without respiratory complications ...	2	1	2	1	...	...	...	...	...	...	...	...
A	34	Small-pox ...	202	411	422	188	103	33	24	3	...	...	1	4
10	35	Measles ...	105	161	232	151	53	18	9	2	...	...	2	1
11	36 : 1	Acute Poliomyelitis ...	1	...	2	...	1	3	2	...	2	1	4	1
11	36 : 2	Acute Polioencephalitis ...	...	1	...	...	...	...	...	...	...	...	...	1
12	37	Acute Infectious Encephalitis (Lethargic or Epidemic) ...	...	...	...	...	...	...	1	1	2	...	...	...
36	38	Other Diseases due to Viruses— (*e*) Varicella (Chickenpox) ...	4	6	5	4	1	1	...	...	...	...	...	...
36	39	Typhus ...	...	...	...	1	...	...	...	1	...	...	1	...
36	40	Ankylostomiasis ...	...	...	...	...	...	1	1	...	...	...	...	...
36	42	Other diseases due to Helminths ...	1	1	...	1	...	...	...	1	2	1	...	...
36	43	Mycoses ...	...	...	...	...	...	...	...	...	...	...	...	1
36	44	Other Infective or Parasitic Diseases—												
		(*a*) Venereal diseases other than syphilis and Gonorrhoea) ...	...	...	1	...	...	...	...	...	...	...	...	...
		(*b*) Pernicious lympho granulomatosis (Hodgkins diseases) ...	...	...	...	...	...	1	1	2	...	...	1	1
		(*c*) Mumps ...	...	...	...	1	...	...	...	...	...	1	...	...
		II.—Cancer and other Tumours.												
13	45*	Cancer of the Buccal Cavity and Pharynx												
13		(*a*) Lips Females ...	...	...	...	...	...	...	...	...	...	1	...	...
13		(*b*) Tongue Males ...	...	2	2	2	...	...	...	1	...	...	...	1
13		Females ...	1	...	...	...	...	...	1	...	1	...	...	...
13		(*c*) Other and Unspecified sites Males ...	...	...	1	...	2	1	...	—	1	3	2	2
13		Females ...	2	...	...	...	1	1	1	...	...	...	...	—
13	46	Cancer of the digestive organs and peritonium												
13		*(*a*) Oesophagus Males ...	1	1	1	1	1	2	3	2	1	2	2	2
13		Females ...	...	2	1	...	1	...	1	...	...	...	...	...
14		(*b*) Stomach and duodenum ...	3	3	5	3	1	1	6	1	5	4	2	5
16		(*c*) Intestines other than duodenum or rectum ...	...	...	1	...	1	3	1	1	1	3	1	1
16		(*d*) Rectum ...	1	...	4	...	1	3	1	...	1	5	3	1

*Males are tabulated in short list No. 13 and females in No 16. of detailed list Nos. 45, 46a.

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1944—(*Contd.*)

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug	Sept.	Oct	Nov.	Dec.	Total.
		II.—Cancer and other Tumours—(Contd.)													
		(*e*) Liver and biliary passages ...	3	2	1	3	3	4	...	3	2	...	...	...	21
		(*f*) Pancreas ...	1	...	...	...	...	...	...	1	...	...	...	2	4
16		(*g*) Peritonium ...	...	...	...	...	...	2	...	...	...	1	...	1	4
		(*h*) Other or Unspecified digestive organs...	...	...	...	...	...	...	...	1	...	...	...	...	1
16	47	Cancer of the respiratory system ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Larynx and trachar ...	3	1	4	1	4	3	5	3	6	4	3	1	38
		(*b*) Bronchi; lung and pleural ...	2	...	1	...	1	1	...	2	2	3	2	3	17
		(*c*) Unspecified respiratory organs ...	...	...	...	...	...	...	...	...	...	...	1	...	1
13	48	Cancer of the Uterus ...	...	...	1	...	...	...	...	1	1	1	3	...	7
		(*a*) Cervix Uteri ...	...	2	3	1	1	...	...	...	1	...	2	1	11
		(*b*) Other Unspecified sites ...	2	...	...	1	1	1	3	...	...	1	...	...	9
16	49	Cancer of other female genital organs ...	1	...	2	1	2	1	1	1	2	3	...	1	15
15	50	Cancer of the breast ...	1	...	2	...	2	...	3	1	1	3	1	1	15
	51	Cancer of the male genital organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*b*) Prostate ...	...	...	...	...	...	1	1	...	2	...	...	...	4
		(*c*) Other or unspecified male genital organs	...	...	...	1	...	...	...	...	...	1	...	1	3
	52	Cancer of the male and female urinary organs	...	...	1	4	...	...	...	...	1	2	...	1	9
	53	Cancer of the Skin (Scrotum excepted) ...	1	...	...	...	...	...	...	...	...	...	2	1	4
16	54	Cancer of the brain and other parts of Nervous system ...	...	...	...	2	...	...	...	...	...	...	...	...	2
		(*c*) Other or Unspecified forms included under 54 ...	...	...	...	...	...	...	...	1	...	...	...	...	1
	55	Cancer of other or Unspecified organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*c*) Thyroid gland ..	...	1	...	...	...	...	...	...	...	...	...	...	1
		(*d*) Others included under 55 ...	5	6	5	11	5	3	8	11	4	7	3	5	73
		Tumours:—													
	56	Non-malignant Tumours ...	1	1	...	1	...	...	1	1	...	...	...	2	7
		(*d*) Brain and other parts of Nerveus system	...	...	...	1	...	...	...	...	...	...	...	...	1
	57	Tumours of Undetermined Nature ...	...	...	1	...	...	...	...	...	...	...	...	...	1
		(*a*) Ovaries ...	...	...	...	...	...	...	...	...	...	...	2	...	2
		(*c*) Other female genital organs ...	...	...	...	...	...	...	...	...	...	...	1	...	1
		(*d*) Brain and other parts of Nervous system	...	1	...	...	...	...	...	...	1	...	2	...	4
		(*e*) Other and Unspecified organs ...	...	...	...	...	...	...	...	...	1	...	...	...	1
36		*III.—Rheumatism, Diseases of Nutrition and of the Endocrine Glands and other General Diseases.*													
	58	Rheumatic fever ...	1	2	4	...	2	4	4	1	2	2	...	3	25
	59-1	Rheumatoid Arthritis ...	...	...	1	1	1	...	1	1	...	...	1	...	6
	59-2	Other Chronic articular Rheumatism ...	1	...	...	...	1	...	...	...	1	1	1	...	5
17	61	Diabetis Mellitus ...	7	11	6	3	8	11	9	8	6	6	8	4	87
		(3) Other diseases included under 62 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	63	Diseases of the Thyroid and parathyroid glands ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*b*) Exophthalmic Goitre ...	1	1	1	...	...	...	...	...	1	3	1	...	8
		(*d*) Other diseases of thyroid glands ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	65	Diseases of the adrenal glands (not specified as Tuberculosis) ...	1	...	...	...	...	...	1	...	1	...	...	...	3
	66	Other General diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(2) Idiopathic Steatorrhoea (Sprue etc.) ...	4	2	1	4	2	2	3	2	4	...	2	...	26
		(*c*) Other diseases included under 66(*b*) ...	2	4	6	8	2	3	5	3	3	2	1	4	45
	67	Scurvy ...	1	1	...	...	...	...	1	1	...	...	...	...	4
	68	Beri-Beri ...	...	1	...	...	...	...	...	...	...	...	...	...	1
	69	Pellagra ...	1	2	...	...	...	1	...	...	1	...	...	...	5
	70	Rickets ...	125	165	167	144	145	127	136	170	167	170	111	120	1,747
	71	Other Vitamin Deficiency Diseases ...	...	1	...	...	...	2	1	...	...	1	...	1	6
36		*IV.—Diseases of the blood and blood forming Organs.*													
	72	Haemorrhagic Conditions ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Primary Purpura ...	2	...	...	...	...	...	...	...	...	...	...	...	2
		(*b*) Haemophatia ...	...	...	...	...	...	...	...	...	1	...	1	...	2
	73	Anaemia ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Pernicious anaemia ...	3	1	1	1	3	...	...	...	...	2	...	1	12
		(*b. c. d.*) Other anaemias and chlorosis ...	197	211	208	200	179	193	223	252	261	252	185	234	2,595
	74(*a*)	Leukaemia ...	1	1	...	2	...	...	1	...	1	1	3	1	11
	75	Diseases of the Spleen ...	2	...	...	...	...	1	...	...	1	...	...	...	4
	76	Other diseases of the Blood and Blood forming organs ...	1	...	1	1	1	...	...	...	...	...	...	...	4
		V.—Chronic Poisoning and Intoxication.													
	77	Alcholism (Acute or Chronic) ...	...	...	...	...	...	...	1	...	...	...	...	...	1
	78	Lead Poisoning ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Specified as occupational ...	...	...	...	...	...	...	...	1	1	...	1	1	4
		(*b*) Not specified as occupational ...	...	...	...	2	1	...	2	...	...	1	...	1	7

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1944—(*Contd.*)

Classification No. Short List.	Classification No. Detailed List.	SPECIFIC CAUSES OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL.
		V. Chronic Poisoning and Intoxication—contd.													
	79	Chornic poisoning by other mineral and organic substances ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(c) Other non-occopational chronic poisoning	...	...	...	...	...	...	...	...	1	1	1	...	3
		VI.—Diseases of the nervous system and sense organs.													
36	80	Encephalitis (non-epidemic)—													
		(*a*) Intra Cranial abscess ...	...	...	1	...	...	1	1	...	1	1	...	3	8
		(*b*) Other diseases included under 80 ...	8	9	11	11	9	10	8	8	12	13	9	8	116
	81	Meningitis (non-menigococcal) ...	16	14	22	24	13	10	15	11	12	15	8	16	176
	82	Diseases of Medulla and Spinal cord ...	1	1	2	...	1	...	...	...	3	1	...	...	9
18	83	Intracranial Lesions of Vascular origin—													
		(*a*) Cerebral Haemorrhage ...	6	12	15	10	16	12	11	3	12	7	13	2	119
		(*b*) Cerebral Embolism and Thrombosis ...	5	5	1	4	4	6	2	5	4	3	4	1	44
		(*d*) Hemiplegia and other paralysis of unstated origin ...	18	18	13	16	11	10	21	22	18	10	16	18	191
		(*e*) Other Intra-Cranial effusions ...	...	...	...	...	...	...	1	...	...	2	...	...	3
	84	Mental Disorder and Deficiency ...	...	...	1	...	...	...	...	...	...	...	...	...	1
		(*a*) Mental deficiency ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		(*b*) Other mental disorders iucluded under 84 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(3) Mania ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	85	Epilepsy ...	1	...	2	1	1	1	1	1	1	1	...	2	12
	86	Convulsions in children under 5 years of age	55	47	89	69	53	58	48	57	67	66	54	79	742
	87	Other Diseases of the Nervous System—													
36		(*a*) Choria ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		Other Diseases includ d under 87													
		(1) Convulsions of undetermined origin (age 5 and over) ...	...	...	...	...	1	...	...	...	...	...	...	1	2
		(2) Other diseases included under 87(*e*) ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	88	Diseases of the organs of Vision ...	...	—	...	...	...	...	1	...	...	2	...	...	3
	89	Diseases of the Ear and of the Mastoid Antrum—													
		(*a*) Olitis and other diseases of the Ear ...	...	...	1	...	...	...	...	...	...	...	...	...	1
		(*b*) Diseases of the Mastoid Antrum ...	...	2	1	2	1	1	1	1	...	1	2	1	13
		VII.—Diseases of the Circulatory System.													
	90	Pericarditis ...	1	...	...	...	...	1	1	1	...	1	...	1	6
	91	Acute Endocarditis ...	...	1	...	5	...	2	1	2	...	2	4	1	18
	92abc	Chronic Affections of the valves and endo-cardium ...	8	2	3	3	6	6	4	9	4	2	2	8	57
	93a	Acute Myocarditis ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	93b	Chronic Myocarditis specified as Rheumatic	...	...	...	1	...	...	...	...	...	...	1	1	3
	93c	(1) Cardio vascular degeneration ...	...	...	...	...	...	...	...	3	...	2	1	2	8
		(3) Other Myocardial degeneration ...	3	1	1	...	2	2	2	6	7	8	3	3	38
19	93d	Myocarditis (not distinginshed as acute or chronic) ...	5	1	1	3	1	2	1	...	...	...	1	3	18
	94	Diseases of the Coronary Arteries, Angina Pectoris ...	22	32	27	32	16	27	14	14	18	19	17	27	265
	95	Other Diseases of the Heart—													
		(*a*) Functional heart disease (without mention of organic lesion) ...	1	1	...	1	...	1	...	...	...	...	...	...	4
		(*b*) Heart Disease specified as Rheumatic but otherwise ill defined ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		(*c*) Other diseases included under 95 ...	7	9	9	4	8	6	4	7	6	5	4	7	76
	96	Aneurysm (except of Heart and Aorta) ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	97	Arterio Sclerosis (excluding Coronary or	...	1	...	1	...	1	2	...	2	1	...	2	10
		Renal Sclerosis or Cerebral Haemorrhage) ...	5	1	2	4	4	4	2	5	2	4	1	1	35
	98	Gangrene ...	1	...	1	...	...	...	...	1	...	3	1	1	8
	99	Other Diseases of the arteries ...													
20	100	Diseases of the Veins— ...	...	...	...	...	...	...	...	...	2	1	...	4	7
		(*a*) Varices ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		(*b*) Other diseases of the Veins ...	...	...	...	...	...	...	...	...	...	3	...	1	4
	101	Diseases of the Lymphatic system ...	2	1	5	4	3	4	3	3	5	1	2	1	38
	102	High Blood Pressure (Idiopathic) ...	1	...	2	3	2	...	...	...	...	1	2	2	13
	103	Other Diseases of the Circulatory system ...													
		VIII.—Diseases of the Respiratory System.													
			...	...	...	...	2	...	...	2	...	...	...	...	4
	104	Diseases of the Nasal Fossae and Annexa ...	1	...	1	...	...	1	...	...	...	2	...	1	6
23	105	Diseases of the Larynx ...	...	1	2	3	1	1	2	1	4	2	5	1	23
	106A	Acute Bronchitis ...	57	37	43	43	42	22	23	34	41	18	28	25	413
21	106B	Chronic Bronchitis ...													
	106C	Bronchitis (not distinguished as acute or	8	9	14	7	10	6	10	10	5	8	3	6	96
		chronic) ...	663	731	766	701	706	610	623	620	572	616	419	454	7481
	107	Broncho Pneumonia ...	31	22	24	28	33	21	16	17	21	32	25	21	291
22	108	Lobar Pneumonia ...	336	365	406	395	339	275	292	301	314	323	260	344	3950
	109	Pneumonia (Unspecified) ...													

Table No. 12—(Concld.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1944—(*Concld.*)

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		Homicide (165-168)													
	165	Infanticide (Infants under 1 year) ...	1	...	1	2	1	...	2	...	1	1	1	...	10
	166	Homicide by Firearms ...	...	...	...	...	...	...	...	...	...	...	...	1	...
35	167	Homicide by cutting or piercing instruments.	2	1	...	5	4	4	1	3	3	8	7	4	42
	168	Homicide by other or Unspecified means ...	6	2	6	3	2	3	5	4	2	2	1	...	36
	169	Railway accidents (any cause of death except war.) ...	15	3	8	10	7	9	8	5	13	19	13	13	123
34	170	Motor Vehicle Accidents (any cause of death except war.) ...	...	...	...	...	...	...	...	...	...	6	...	...	6
		(*b*) Collisions with tram ...	1	...	1	...	...	...	...	...	1	...	...	1	4
		(*c*) Other accidents included under 170 ...	15	6	10	12	12	5	4	4	7	2	19	10	106
	171	Other Road Transport Accidents (any cuse of death except war). ...	...	...	...	...	...	...	...	...	...	4	4	...	8
		(*a*) Tramway accidents on roads ...	1	...	...	1	1	1	1	1	...	3	...	...	9
		(*b*) Other accidents included under 171 ...	...	1	2	1	3	3	...	4	8	1	1	5	29
	173	Air Transport Accidents (any cause of death except war.) ...	...	...	...	...	...	...	1	...	...	...	...	...	1
	174	Aaccidents in mines and quarries (any cause of death except war.) ...	...	...	...	...	...	2	...	...	...	...	...	...	2
		Agricultural ond foresting Accidents any ca use of death.													
	175	(*b*) (1) By Venomous ani als ...	...	...	...	1	...	...	...	...	...	1	...	...	2
		(c) Other Accidents included under 175 ...	...	...	...	...	...	2	...	...	...	...	...	...	2
	176	Accidents caused by Machinery (any cause of death). ...	1	...	2	...	...	...	...	...	...	...	1	...	4
	177	Food poisoning ...	...	...	1	...	...	...	...	1	...	...	...	...	2
	178	Accidental Absorption of Poisonous gas—													
		(*a*) Carbon Monoxide ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		(*d*) Accidental absorption of any other irrespirable or poiscnous gas included in 178. ...	...	...	...	...	...	...	...	1	1	...	...	...	2
	179	Other acute Accidental poisoning (not by gas)	...	...	...	...	2	...	1	...	...	2	1	...	6
		(*a*) Salvarsan and other organic preparations of arsenic ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*b*) Other acute accidental poisoning not by gas included in 179. ...	1	...	...	...	...	1	...	...	...	...	...	2	4
	181	Accidental Burns (conflagration excepted) ...	12	13	8	16	10	11	11	6	6	9	9	8	119
35	182	Accidental Mechanical Suffocation ...	...	1	...	...	1	...	...	...	...	...	...	...	2
	183	Accidental drowning ...	8	4	2	10	18	6	10	6	4	7	4	5	84
	184	Accidental Injury by Firearms ...	...	...	1	...	...	2	...	1	...	...	1	...	5
	185	Accidental Injury by cutting or piercing instruments ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	186	Accidental Injury by fall, crushing, land slides, etc. ...	16	13	10	8	12	16	10	12	10	19	8	16	150
	188	Injury by animals (Poisoning by Venomous animals expected) ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	189	Hunger or Thirst ...	...	...	...	...	...	...	...	...	...	1	...	...	1
	191	Excessive Heat ...	...	...	...	...	1	3	...	...	...	1	...	...	5
	193	Other Accidents due to Electric Currents ...	2	...	...	1	1	2	1	1	1	...	...	...	9
	194	Attack by Venomous Animals—													
		(*a*) Hydrophobia ...	...	1	...	2	...	1	1	1	1	1	1	2	11
		(*b*) Snake Bites ...	...	2	...	...	1	1	1	1	...	...	...	...	6
		(c) Attack by Venomous animals included in 194 ...	...	...	...	...	...	...	1	...	...	...	...	...	1
	195	Other Accidents—													
		(*a*) (1) Vaccinia ...	...	1	...	1	...	...	1	2	...	...	...	...	5
		(2) Other accidents included under 195 (*b*)	2	...	...	...	...	1	...	...	...	...	...	...	3
		(c) Lack of care of the New born ...	1	...	5	...	...	...	1	...	1	2	...	...	10
		(*d*) Other and Unspecified accidents under 195.	10	20	11	326	79	16	17	12	16	13	18	20	558
	196	Deaths of persons in Military Service during operations of war— ...	...	...	...	2	...	...	...	...	...	...	...	...	2
36	198	Legal Executions ...	...	...	...	...	...	...	...	...	...	...	1	...	1
36		*XVIII.—Ill-Defined causes of Deaths.*													
	199	Sudden Death ...	1	...	...	...	1	1	1	1	...	1	...	...	6
	200	Causes of Death unstated or Ill-defined ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Ill-defined Causes— ...	...	...	...	...	...	...	...	...	...	4	...	...	4
		(1) Heart failure ...	42	56	65	48	54	46	50	46	43	38	49	70	607
		(2) Fever not defined ...	14	21	24	21	38	39	31	29	25	43	59	24	368
		(3) Other ill-defined causes ...	32	29	45	34	39	39	40	38	34	2	...	31	363
		(*b*) Found, dead, Cause unknown ...	...	...	...	...	...	...	5	...	...	14	1	...	20
		(*c*) Other deaths from Unknown or Unspecified cause ...	6	2	3	5	2	6	6	4	1	7	3	4	49
		Total ...	3,522	3,826	4,187	4,059	3,540	3,109	3,215	3,416	3,469	3,469	3,013	2,047	41,882

Table No. 13.

DEATHS AMONG INFANTS BY CAUSES, MONTHS AND AGES IN 1944.

Cause of Deaths.	Total.	Months.												Ages.			
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Under 1 week.	1 to 4 weeks.	4 weeks to 6 months.	6 to 12 months.
38a Malaria ...	11	...	...	...	2	...	2	1	...	3	1	2	...	...	...	4	7
38b Ague and Remittent Fever ...	12	1	...	1	1	3	...	1	1	1	2	...	1	...	1	5	6
6 Small-pox ...	165	24	54	49	17	14	4	2	...	...	...	...	1	...	4	80	81
7 Measles ...	292	29	63	101	67	23	6	1	...	...	...	1	1	...	3	145	144
8 Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Whooping Cough ...	8	1	1	2	2	...	...	1	...	...	1	...	...	...	...	4	4
10 Diphtheria ...	14	2	1	1	...	1	2	...	3	1	...	2	1	...	...	3	11
11 Influenza ...	4	...	2	1	...	...	...	...	...	...	...	...	1	1	1	...	2
12 Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Dysentery ...	97	5	2	4	9	13	21	18	6	12	4	1	2	1	3	28	65
14 Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Cerebro-Spinal Fever	6	...	1	1	2	...	...	...	...	2	...	...	...	...	...	1	5
23 Tuberculosis of Respiratory system ...	9	...	2	1	...	...	...	...	...	2	...	4	...	...	...	1	8
24-32 Other Tuberculosis Diseases ...	39	6	3	3	4	1	1	5	3	2	6	1	4	...	...	13	26
34 Syphilis ...	21	3	2	1	2	...	2	1	3	1	3	3	...	4	4	12	1
63 Rickets ...	242	16	11	25	27	21	19	20	35	15	26	13	14	...	...	51	191
86a Convulsions ...	564	38	33	70	53	40	41	33	49	52	47	52	56	123	74	240	127
106 Bronchitis ...	49	3	2	7	3	6	4	5	4	2	5	5	3	2	5	14	28
107-109 Pneumonia (all forms) ...	3,922	300	355	346	370	380	335	364	311	325	301	280	255	32	100	1,586	2,204
104, 105, 110-114 Other Respiratory Diseases	23	3	3	1	4	2	4	...	1	3	2	...	...	3	3	6	11
118-1 Gastritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
119-120 Diarrhoea and Enteritis ...	567	32	26	30	50	49	55	74	73	63	33	43	39	20	85	215	247
157 Congenital Malformation, Injury at Birth ...	3,762	295	293	313	273	276	262	331	389	388	357	305	280	1,187	1,323	999	253
159 Premature-Birth ...	1,239	88	74	102	95	87	95	114	122	118	140	106	98	1,060	173	6	...
161a Atelectasis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200-2b Suffocation Over-Lying ...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...
200-2a G Fever not defined	57	1	2	5	1	3	9	9	3	8	7	6	3	4	11	22	20
Other Causes ...	449	29	42	31	31	30	42	40	46	43	40	38	37	75	84	128	162
Total ...	**11,555**	**876**	**972**	**1,095**	**1,030**	**949**	**904**	**1,020**	**1,049**	**1,041**	**975**	**862**	**796**	**2,510**	**1,874**	**3,562**	**3,606**

Table No. 14.

TABLE SHOWING BY RACE THE RATE OF MORTALITY PER 1,000 OF POPULATION FROM DIFFERENT CAUSES OF DEATHS IN 1944.

Race and Caste.	Small-pox.	Measles.	Plague	Scarlet fever.	Kala-Azar.	Enteric fever.	Malaria.	Ague and Remittent fever.	Relapsing fever.	Influenza.	Cholera.	Diarrhoea and Enteritis.	Dysentery.	Tuberculosis.	Respiratory diseases.	Accidents.	All other causes.	Total
Hindus (scheduled class) ...	.8	1.1	...	...	0.0	.17	.0	1.45	...	0.0	...	1.71	.73	.85	2.73	.92	45.36	55.89
Hindus of all other Castes ...	.96	.51	...	...	0.0	·31	.1	.49	...	.02	0.0	.70	.25	1.25	1.20	.89	18.49	25.50
Hindus all Castes ...	.94	.57	...	...	0.0	.30	.01	.60	...	.02	0.0	.81	.30	1.21	1.38	.89	21.84	28.97
Mussalmans ...	.88	.35	...	...	...	.21	.10	.77	...	.02	...	.62	.24	1.82	2.15	.94	20.90	28.88
Parsees ...	.06	.06	...	...	...	.083	.133	.08	...	.11	...	.90	.21	.50	.52	.80	11.67	15.40
Jews ...	.19	.19	...	...	...	.10	.10	.19	...	.10	...	1.25	.19	1.44	1.64	.67	12.90	18.96
Christians ...	1.92	.32	...	...	...	.96	.19	.18	...	.04	...	2.48	.51	2.76	1.07	.70	17.75	28.89
Anglo-Indians ...	.34	...	...	...	...	.45	...	.11	...	...	...	.79	.34	1.25	.34	.79	9.21	13.64
Europeans ...	.85	...	...	...	...	.54	.54	...	...	...	...	.31	.23	.46	.15	4.08	9.31	16.46
Budhists ...	1.1	4.39	...	...	...	...	1.1	3.3	...	...	...	2.2	1.1	19.74	5.5	3.3	54.82	96.49
Other and unknown Castes ...	...	...	...	...	...	...	.16	...	...	...	...	...	...	...	...	12.86	2.14	15.18
Total ...	**.93**	**.42**	...	...	**0.0**	**.31**	**.11**	**.58**	...	**0.0**	...	**.87**	**.30**	**1.35**	**1.44**	**.97**	**20.75**	**28.11**

Table No. 15.

TABLE OF DEATHS BY AGES, SEXES AND CAUSES IN 1944.

No. in Short List.	Corresponding No. in detailed List.	Causes of deaths.	Under 7 days.		1 to 4 weeks.		4 weeks to 6 months.		6 to 12 months.		1 and 2 years.		2 to 5 years.		5 to 10 years.		10 to 15 years.		15 to 20 years.	
			Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	1-2	Typhoid and Para Typhoid Fever ...	...	...	...	...	...	...	...	...	...	2	5	3	25	11	30	23	43	24
2	6	Cerebro Spinal Fever ...	...	...	...	...	...	1	3	2	1	...	3	2	4	1	6	2	5	2
3	8	Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	9	Whooping Cough ...	...	...	...	...	1	3	2	2	4	3	2	3	...	...	...	...	...	...
5	10	Diphtheria ...	...	...	...	...	3	...	7	4	16	10	9	11	5	4	1	...	1	...
6	13	Tuberculosis of Respiratory System ...	...	...	...	...	1	...	2	6	6	5	15	14	13	8	6	13	29	41
7	14-22	Other forms of Tuberculosis ...	...	...	...	...	5	6	19	7	25	20	40	28	34	20	14	14	14	23
8	30	Syphilitic disease ...	2	2	1	3	9	3	...	1	...	1	...	...	...	...	...	...	...	...
9	33	Influenza ...	...	1	...	1	...	...	1	1	2	3	1	...	...	...	1	1	...	2
10	35	Measles ...	...	...	2	1	65	80	68	76	69	82	71	87	39	32	4	13	8	11
11	36	Acute Poliomyelitis and Polioencephalitis ...	...	...	...	...	...	...	...	...	...	1	2	...	2	...	...	1	...	...
12	37	Acute infectious encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
13M	45-46A	Cancer of buccal cavity and Oesophagus (Males.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13F	48	Cancer of Uterus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	46B	Cancer of Stomach and duodenum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	50	Cancer of breast ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
16	45-46A females 46 c-h,47,49,51,55	Cancer of all other Sites ...	...	...	...	...	...	...	...	...	...	1	3	...	2	...	5	1	...	2
17	61	Diabetes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	83	Intra cranial Vascular Lesions ...	2	3	...	...	1	...	...	...	...	...	3	1	2	2	1	1	5	1
19	90-95	Heart disease ...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	4	2	6	4
20	96-103	Other diseases of Circulatory system ...	1	1	...	2	...	...	...	...	...	1	1	2	1	...	...	...	1	...
21	106	Bronchitis ...	2	...	3	2	10	4	18	10	21	16	15	28	4	4	...	3	6	4
22	107-109	Pneumonia ...	21	11	48	52	820	766	1,103	1,101	1,008	1,083	802	921	319	366	125	139	149	139
23	104,105,110-114	Other Respiratory diseases ...	2	1	1	2	2	4	7	4	8	10	12	10	9	7	3	3	7	7
24	117	Ulceration of the Stomach or duodenum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	119,120	Diarrhoea ...	11	9	47	38	109	106	115	132	95	116	68	64	21	24	6	2	5	9
26	121	Appendicitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	1	4	...
27	115,116,118,122-129	Other digestive diseases ...	6	7	14	13	15	11	7	9	43	31	32	24	8	24	3	4	10	8
28	130-132	Nephritis ...	...	...	...	...	...	...	...	1	2	2	3	5	7	6	5	3	4	5
29	140-147	Puerperal and Post Abortives Sepsis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
30	141-146,148-150	Other Maternal Causes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	14
31	159	Premature birth ...	593	467	88	85	3	3	...	...	...	...	...	...	...	...	...	...	...	...
32	157,158,160,161	Congenital Malformation, injury at birth ...	670	517	750	573	506	493	114	139	...	3	...	...	...	...	...	...	...	...
33	163-164	Suicide ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4
34	170-171	Road Traffic Accidents ...	...	...	...	...	...	...	...	...	1	...	...	3	25	12	20	2	10	2
35	165-169,172-198	Other Violent Causes ...	7	8	...	1	1	1	4	7	8	5	16	22	24	13	26	15	44	17
36 (Other defined diseases.)	34	A. Small pox ...	...	...	3	1	44	36	43	38	32	36	66	61	65	54	26	23	103	47
	3	B. Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	29a	C. Kala-Azar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
	28a	D. Malaria ...	...	...	...	...	2	2	3	4	4	2	3	4	1	2	4	2	10	6
	28b	E. Ague and Remittent Fever ...	...	...	...	1	2	3	2	4	15	15	39	39	26	34	16	34	33	21
	31	F. Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	200-2a	G. Fever not defined ...	2	2	4	7	4	18	8	12	8	16	16	13	8	10	7	9	11	11
	4	H. Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	27	J. Dysentery ...	...	1	1	2	20	8	39	26	39	30	33	32	12	16	2	1	5	7
	23	K. Leprosy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	162	L. Senility and Old Age ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		M. All other causes ...	99	64	70	58	221	171	217	235	472	460	439	575	119	127	55	94	71	174
		All ages ... Males ...	1,418		1,032		2,726		1,782		1,879		1,699		778		373		588	
		All ages ... Females ...		1094		842		2,745		1,821		1,954		1,952		783		408		588

Table No. 15—Concld.

TABLE OF DEATHS BY AGES, SEXES AND CAUSES IN 1944—*contd.*

No. in Short List.	Corresponding No. in detailed List.	Causes of deaths.	20 to 30 years. Male.	20 to 30 years. Female.	30 to 40 years. Male.	30 to 40 years. Female.	40 to 50 years. Male.	40 to 50 years. Female.	50 to 60 years. Male.	50 to 60 years. Female.	60 and over. Male.	60 and over. Female.	Age unspecified. Male.	Age unspecified. Female.	Total Male.	Total Female.	Persons	No. in Short List.
1	1-2	Typhoid and Para Typhoid Fever ...	137	37	52	23	20	7	8	3	4	2	...	...	324	135	459	1
2	6	Cerebro-Spinal Fever ...	17	6	15	4	4	1	3	1	1	2	...	...	62	24	86	2
3	8	Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
4	9	Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	9	11	20	4
5	10	Diphtheria ...	2	1	...	1	1	...	...	...	...	...	...	...	45	31	76	5
6	13	Tuberculosis of Respiratory System ...	197	230	254	125	244	51	126	23	93	24	...	...	986	540	1526	6
7	14-22	Other forms of Tuberculosis ...	27	52	30	36	20	18	14	8	4	2	...	...	246	234	480	7
8	30	Syphilitic disease ...	4	3	19	...	10	1	8	...	2	...	...	...	55	14	69	8
9	33	Influenza ...	3	...	5	2	2	...	5	2	4	...	...	...	24	13	37	9
10	35	Measles ...	7	11	3	5	...	...	...	...	...	...	...	...	336	398	734	10
11	36	Acute Poliomyelitits and Polioencephalitis ...	8	1	2	1	...	1	...	...	...	...	...	...	14	5	19	11
12	37	Acute infections encephalitis ..	1	...	...	1	...	...	...	...	...	...	...	...	2	2	4	12
13M	45-46A	Cancer of buccal cavity and Oesophagus (Males) ...	...	...	5	...	14	...	10	...	9	...	...	...	38	...	38	13M
13F	48	Cancer of Uterus ...	...	5	...	5	...	5	...	4	...	9	...	...	...	28	28	13F
14	46B	Cancer of Stomach and duodenum ...	2	...	...	1	9	3	10	4	9	4	...	...	30	12	42	14
15	50	Cancer of breast ...	...	...	...	1	...	3	...	4	...	6	...	...	...	15	15	15
16	45-46A females 46-c-h, 47,49,51,55	Cancer of all other Sites ...	4	4	17	9	37	18	48	21	49	26	...	...	165	82	247	16
17	61	Diabetes ...	1	...	2	2	13	6	21	8	18	16	...	...	55	32	87	17
18	83	Intra cranial Vascular Lesions ...	12	11	25	6	43	14	61	24	76	63	...	...	231	126	357	18
19	90-95	Heart disease ...	25	8	46	17	86	10	116	26	93	53	...	...	378	123	501	19
20	96-103	Other diseases of Circulatory system ...	5	3	6	4	18	3	19	5	25	15	...	...	77	36	113	20
21	106	Bronchitis ...	26	19	31	21	63	19	78	20	79	32	...	...	356	182	538	21
22	107-109	Pneumonia ...	559	353	460	251	403	117	327	90	197	113	...	...	6,341	5,502	11,843	22
23	104,105,110,114	Other Respiratory Diseases ...	73	44	119	59	221	81	318	103	299	193	...	...	1,081	528	1609	23
24	117	Ulceration of the Stomach or duodenum ...	5	...	5	1	13	...	11	...	2	...	...	...	36	1	37	24
25	119-120	Diarrhoea ...	28	21	49	21	37	15	47	13	44	39	...	...	682	609	1291	25
26	121	Appendicitis ...	9	4	9	2	8	1	2	...	2	1	...	...	36	11	47	26
27	115,116,118,122-129	Other digestive diseases ...	52	36	90	27	65	14	46	18	42	16	...	...	433	242	675	27
28	130-132	Nephritis ...	15	15	15	15	24	13	32	12	62	36	...	...	169	113	282	28
29	140-147	Puerperal and Post Abortive Sepsis ...	...	27	...	14	...	2	...	...	...	...	...	...	...	46	46	29
30	141-146,148-150	Other Maternal Causes ...	...	84	...	38	...	10	...	...	...	...	...	...	...	147	147	30
31	159	Premature birth ...	...	...	...	...	...	...	...	...	...	...	...	...	684	555	1,239	31
32	157,158,160,161	Congenital Malformation, injury at birth ...	...	...	...	...	...	...	...	...	...	...	...	...	2,040	1,725	3,765	32
33	163-164	Suicide ...	17	8	14	2	5	...	3	1	1	1	...	...	44	16	60	33
34	170-171	Road Traffic Accident ...	22	2	19	2	7	3	11	2	13	7	...	...	128	35	163	34
35	165-169,172-198	Other Violent causes ...	259	71	273	26	137	18	63	6	54	31	59	...	975	241	1,216	35
	34	(*A*) Small-pox ...	367	117	141	30	17	18	2	9	7	5	...	...	916	475	1,391	A
	3	(*B*) Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	B
	29	(*C*) Kala-Azar ...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	2	C
	28*a*	(*D*) Malaria ...	32	11	23	10	9	2	8	2	9	5	...	...	108	52	160	D
	28*b*	(*E*) Ague and Remittent Fever ...	88	97	88	101	81	37	37	22	10	14	...	...	437	422	859	E
	31	(*F*) Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	F
36 Other defined Disease.	200 : 2*a*	(*G*) Fever not defined ...	37	22	33	7	19	5	13	3	13	8	...	...	183	143	326	G
	4	(*H*) Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	H
	27	(*J*) Dysentery ...	22	20	23	17	21	6	16	7	25	13	...	...	258	186	444	J
	23	(*K*) Leprosy ...	8	2	17	3	14	10	7	2	1	2	...	...	47	19	66	K
	162	(*L*) Senility & old age ...	...	...	...	...	10	2	113	81	1,516	1,626	...	...	1,639	1,709	3,348	L
		(*M*) All other causes ...	334	702	387	598	384	289	330	212	260	172	1	...	3,459	3,931	7,390	M
		All ages ... Males ...	2,406		2,277		2,059		1,913		3,023		60		23,131			
		All ages ... Females ...		2,027		1,488		803		736		2,536				18,751		
																...	41,882	

Table No. 16.

SUMMARY OF SANITARY INSPECTIONS MADE AND SANITARY IMPROVEMENTS SECURED BY THE S. M. I's, J. M. I's AND MEDICAL ASSISTANTS IN 1944.

	No. of Inspections, etc., by	
	S. M. I's and J. M. I's.	Medical Assistants.
A—Nature of Inspection or premises visited—		
1. Dwelling Houses ...	8,161	21,311
2. Milch Cattle Stables ...	1,891	3,646
3. Other Stables ...	1,321	2,978
4. Dairies and Milkshops ...	3,472	3,654
5. Eating Houses ...	5,746	12,881
6. Other premises where food is sold ...	5,418	4,677
7. Aerated Water Works ...	298	510
8. Other Workshops and Factories ...	5,508	11,472
9. Accumulations of Refuse ...	1,497	3,731
10 Building Works ...	...	...
11. Drains and Fittings ...	4,535	12,297
12. Other Inspections and Inquiries ...	10,111	28,415
13. Markets	6	12
Total No. of Inspections ...	47,964	1,05,582
B—Works, etc., completed—		
1. Dwellings—		
(a) Limewashed ...	859	1,491
(b) Water supply provided ...	...	1
(c) Overcrowding abated ...	...	...
(d) Insanitary dwellings evacuated ...	622	622
2. Stables—		
(a) Paved and drained ...	13	50
(b) Cleaned and refuse removed ...	160	58
(c) Licence cancelled ...	1	1
3. Eating Houses, Dairies, etc.—		
(a) Regulations enforced ...	707	996
(b) Licences cancelled ...	...	2
4. Factories and Workshops—Limewashing, etc., carried out ...	16	52
5. Drains, etc., repaired ...	1,526	3,485
6. Privies abolished ...	...	6
7. New W. Cs. provided ...	10	13
8. Accumulation of Refuse removed ...	460	1,068
9. Other Works completed ...	1,100	1,839
Total Sanitary Work completed ...	5,474	9,684

Table No. 17.

Meteorological Data (Government Observatory, Colaba), Latitude 18°-53′-36″ North Longitude 72°-48′-56″ East.

Months.	Wind.		Temperature.							Humidity at 8 Hours.		Rainfall.						
	Direction.	Mean Velocity in Miles per hour.	Mean Maximum Temperature.	Departure from Normal.	Highest in month.	Mean Minimum Temperature.	Departure from Normal.	Lowest in month.	Mean.	Departure from Normal.	Total rainfall in the month.	Departure from Normal.	Heaviest fall in one day. Inches.	Heaviest fall in one day. Date.	Minimum fall in one day. Inches.	Minimum fall in one day. Date.	Number of rainy days.
1944.																	
January ...	...	...	81.3	−1.3	90.2	69.2	+2.8	63.6	...	...	...	−0.09	0.00	...	0.00	...	...
February ...	...	...	83.0	+0.2	87.3	66.7	−0.3	60.5	...	...	...	−0.06	0.00	...	0.00	...	...
March ...	...	...	86.7	+1.0	91.2	71.6	0.0	69.1	...	...	0.07	+0.03	0.07	29th	0.00	...	1
April ...	...	...	89.5	+1.1	93.9	75.6	−0.2	71.5	...	...	0.00	−0.04	0.00	...	0.00	...	...
May ...	...	...	92.3	+1.6	97.1	81.3	+2.1	78.0	...	...	0.20	−0.48	0.20	14th	0.00	...	1
June ...	...	...	91.9	+3.7	95.2	80.6	+2.3	73.1	...	...	9.47	−10.21	2.44	15th	0.02	11th, 19th, 25 h	16
July ...	...	...	85.0	−0.2	90.4	76.7	+0.4	74.0	...	...	45.56	+21.61	7.13	4th	0.02	3 d, 7th	29
August ...	...	...	84.7	−0.1	87.1	76.7	+1.0	74.1	...	...	16.32	+3.11	6.33	1st	0.03	31st	26
September ...	...	...	88.0	+3.0	91.0	77.3	+2.0	74.4	...	...	1.68	−8.61	0.52	28th	0.01	26th	4
October ...	...	...	90.6	+2.0	96.6	77.3	+2.1	72.7	...	...	0.80	−1.26	0.53	29th	0.11	28th	3
November ...	...	...	91.3	+2.3	95.4	74.5	+2.5	69.9	...	...	0.00	−0.39	0.01	4th	0.0	...	...
December ...	...	...	89.2	+2.8	94.6	70.3	+1.8	65.0	...	...	0,00	−0.05	0.00	...	0.00	...	...

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